

Figure 1

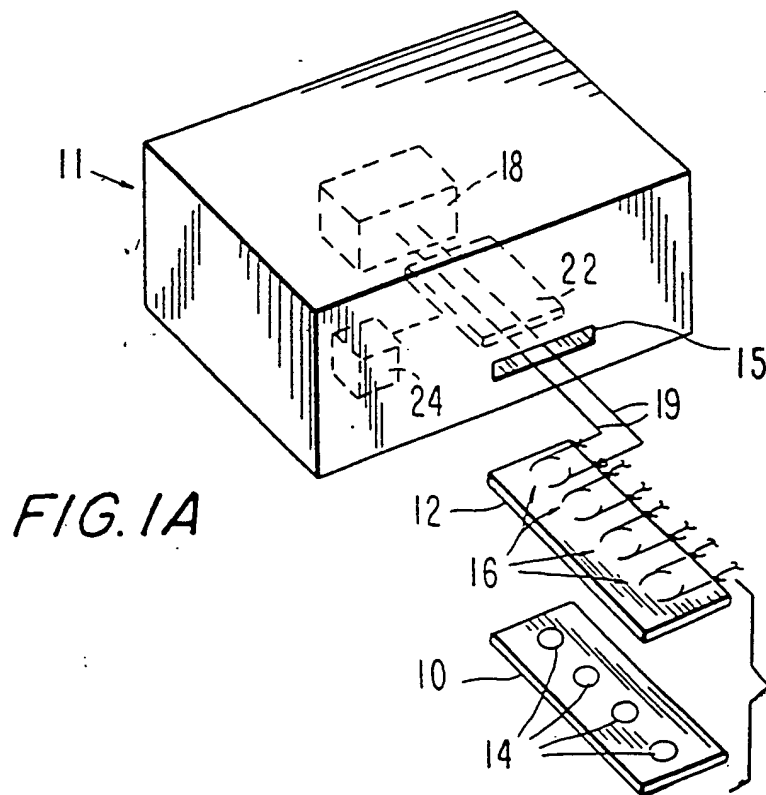
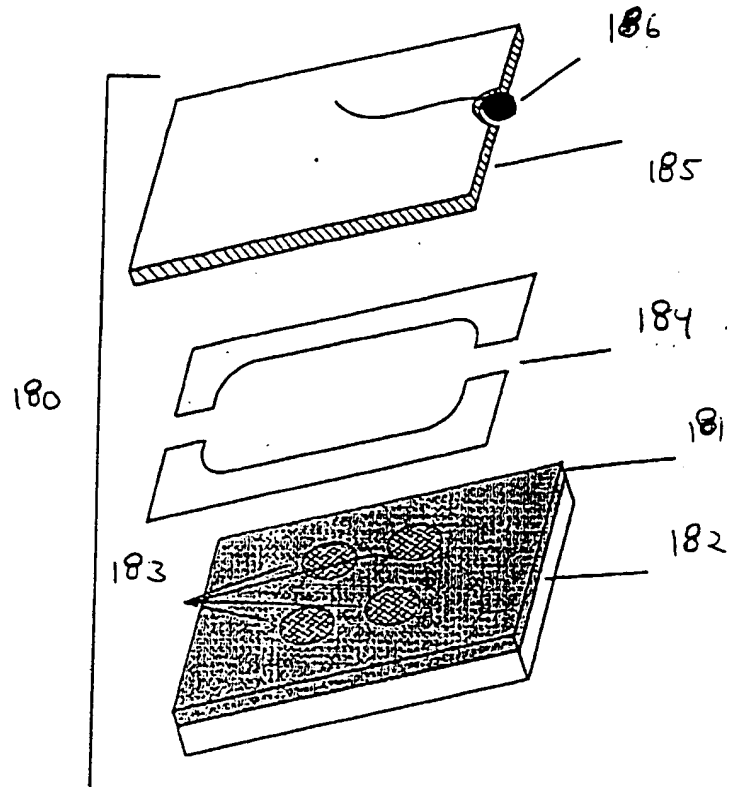


FIG. 2

FIG. 2

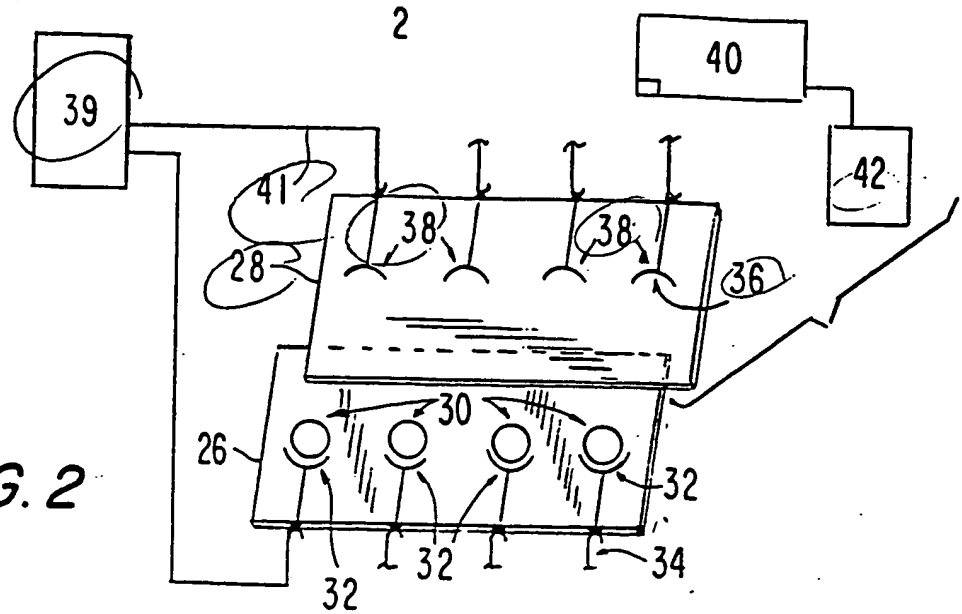


FIG. 3

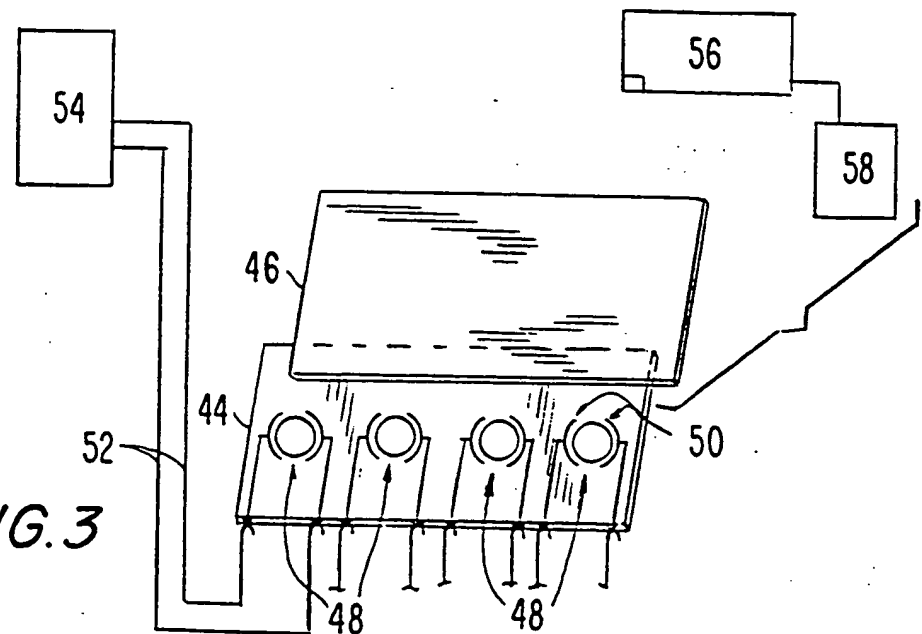
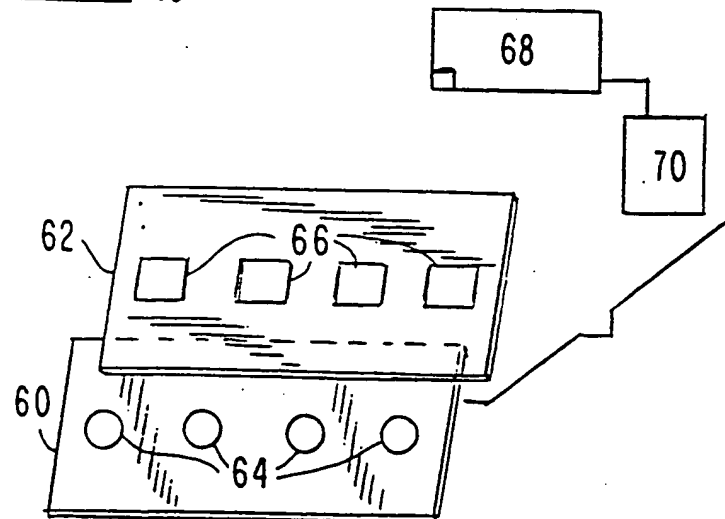


FIG. 4



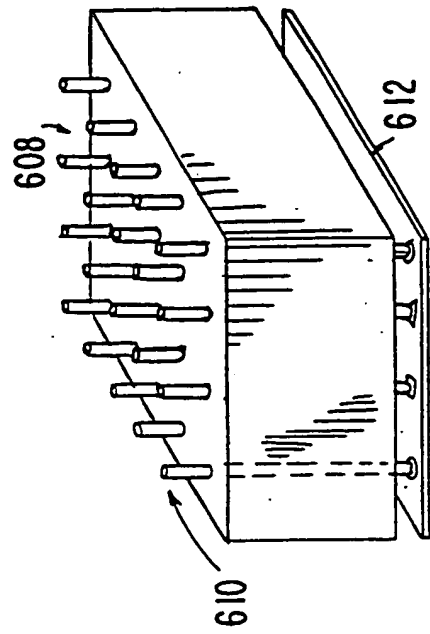
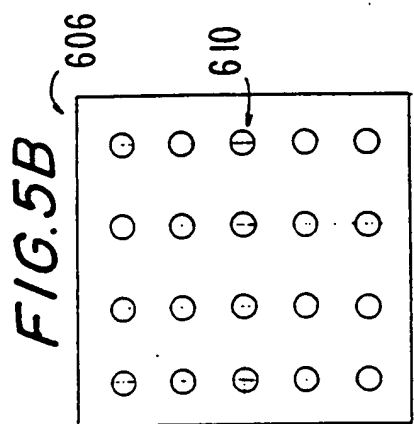
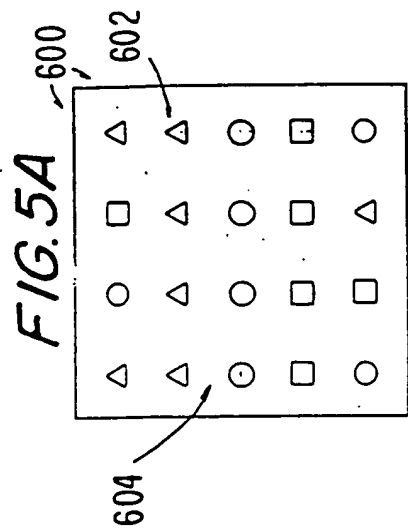


FIG. 5C

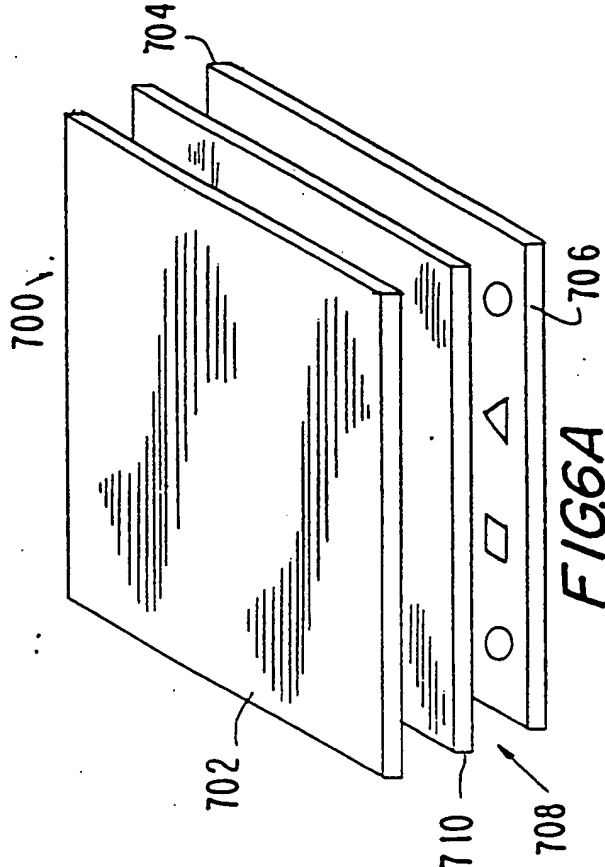


FIG. 6A

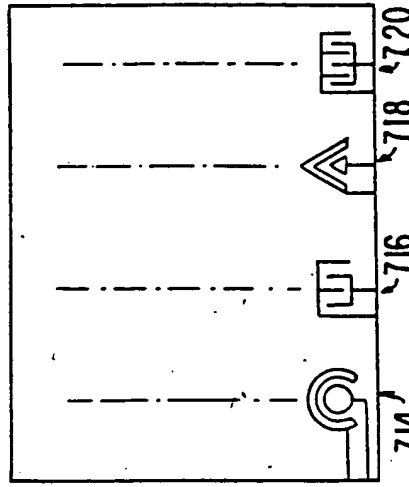


FIG. 6B

FIG. 7

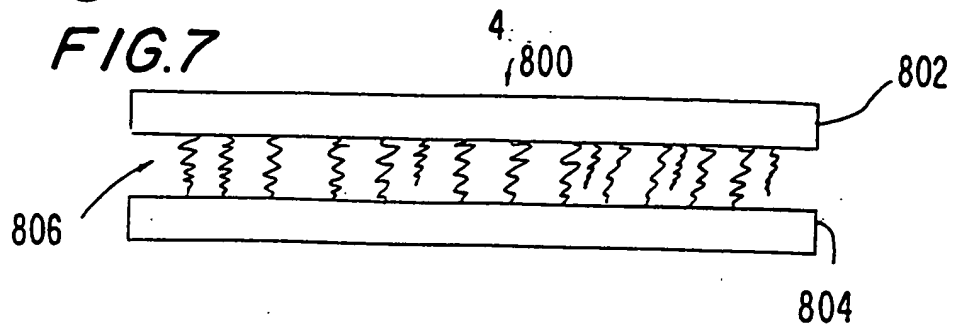


FIG. 8

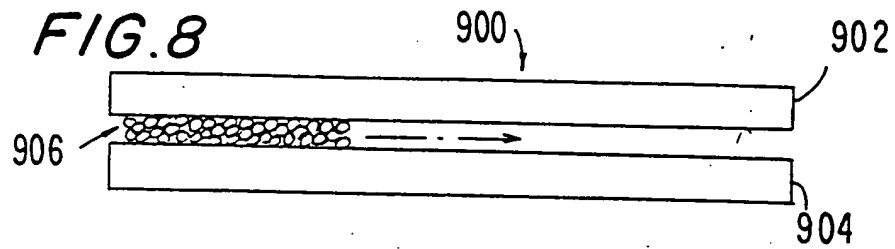


FIG. 9

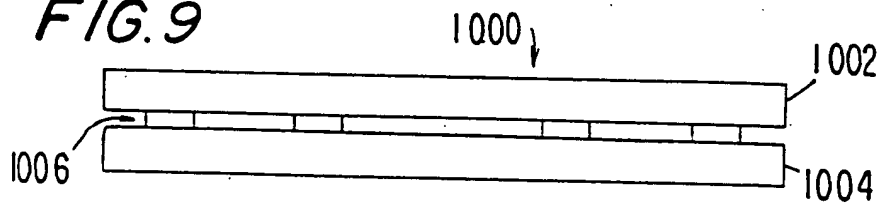


FIG. 10

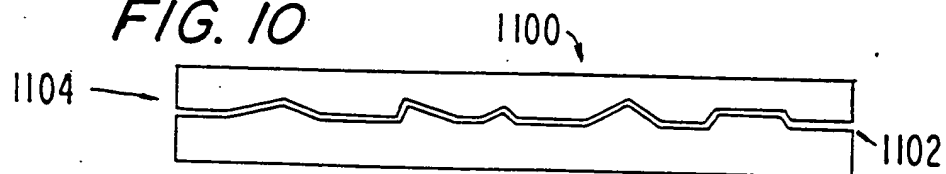


FIG. 11

5

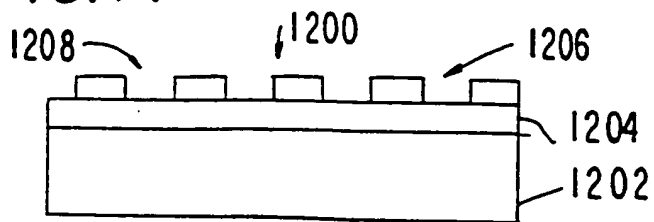


FIG. 12

1300

1306

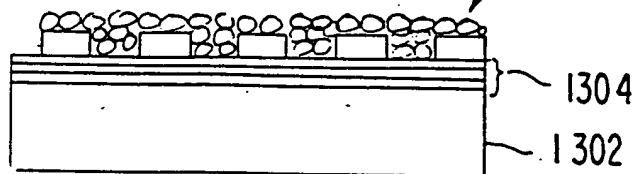


FIG. 13

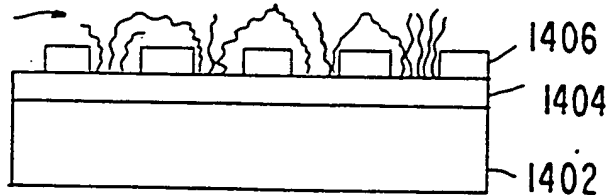
1400

1408

1406

1404

1402



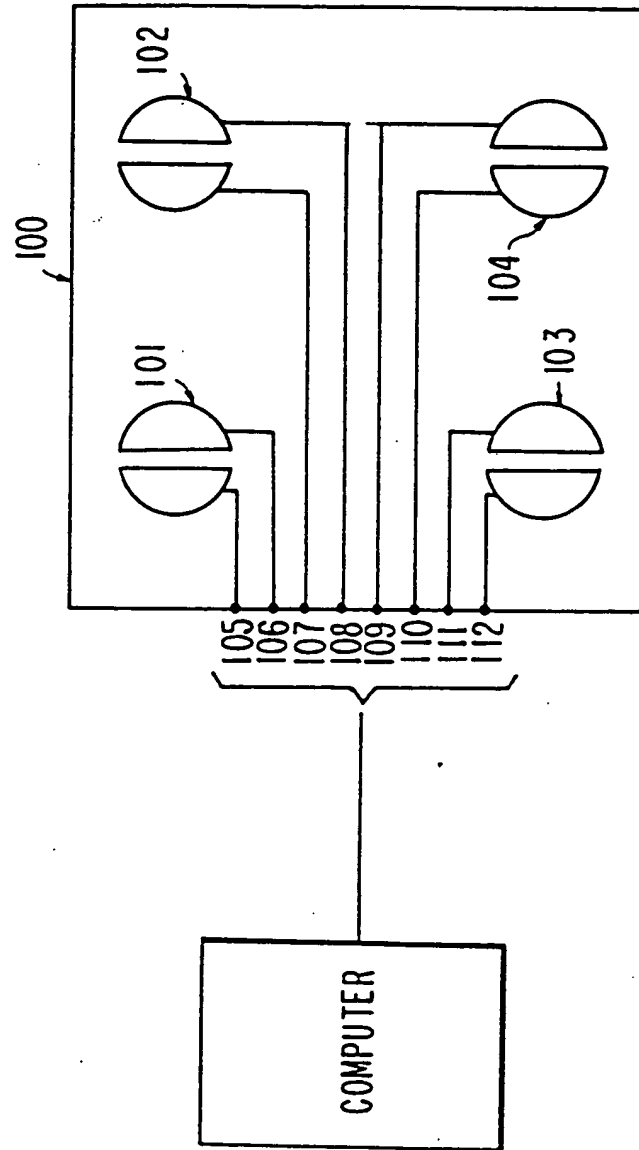


FIG. 14

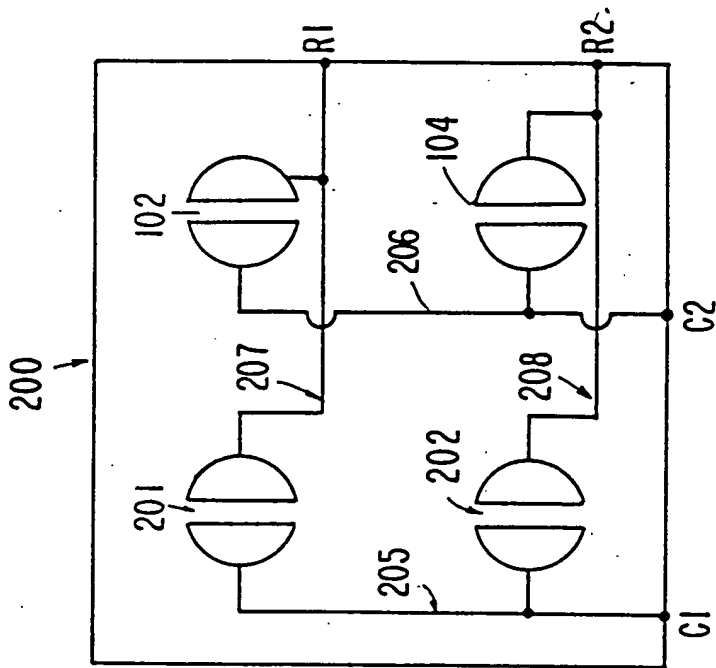


FIG. 15

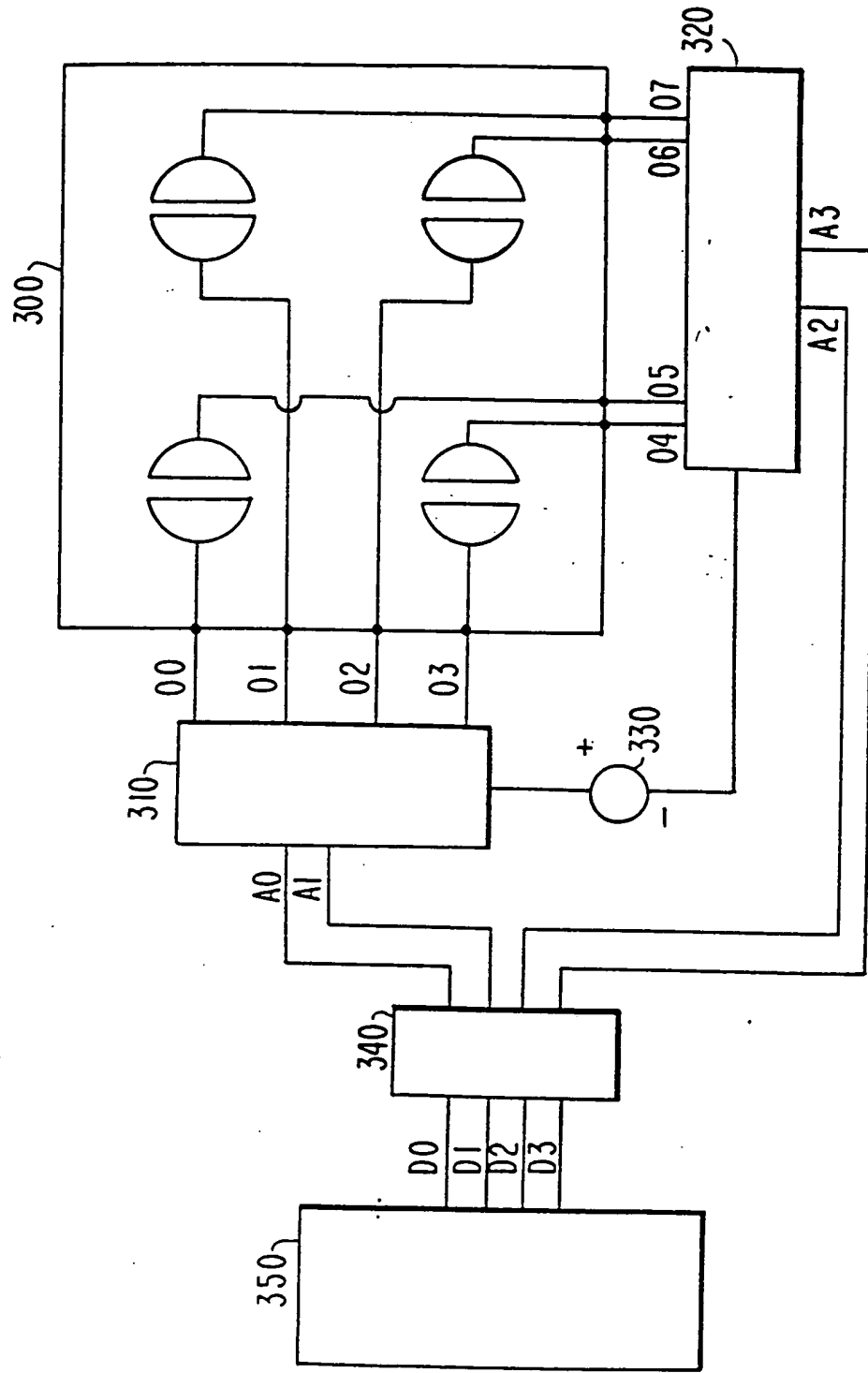


FIG. 16



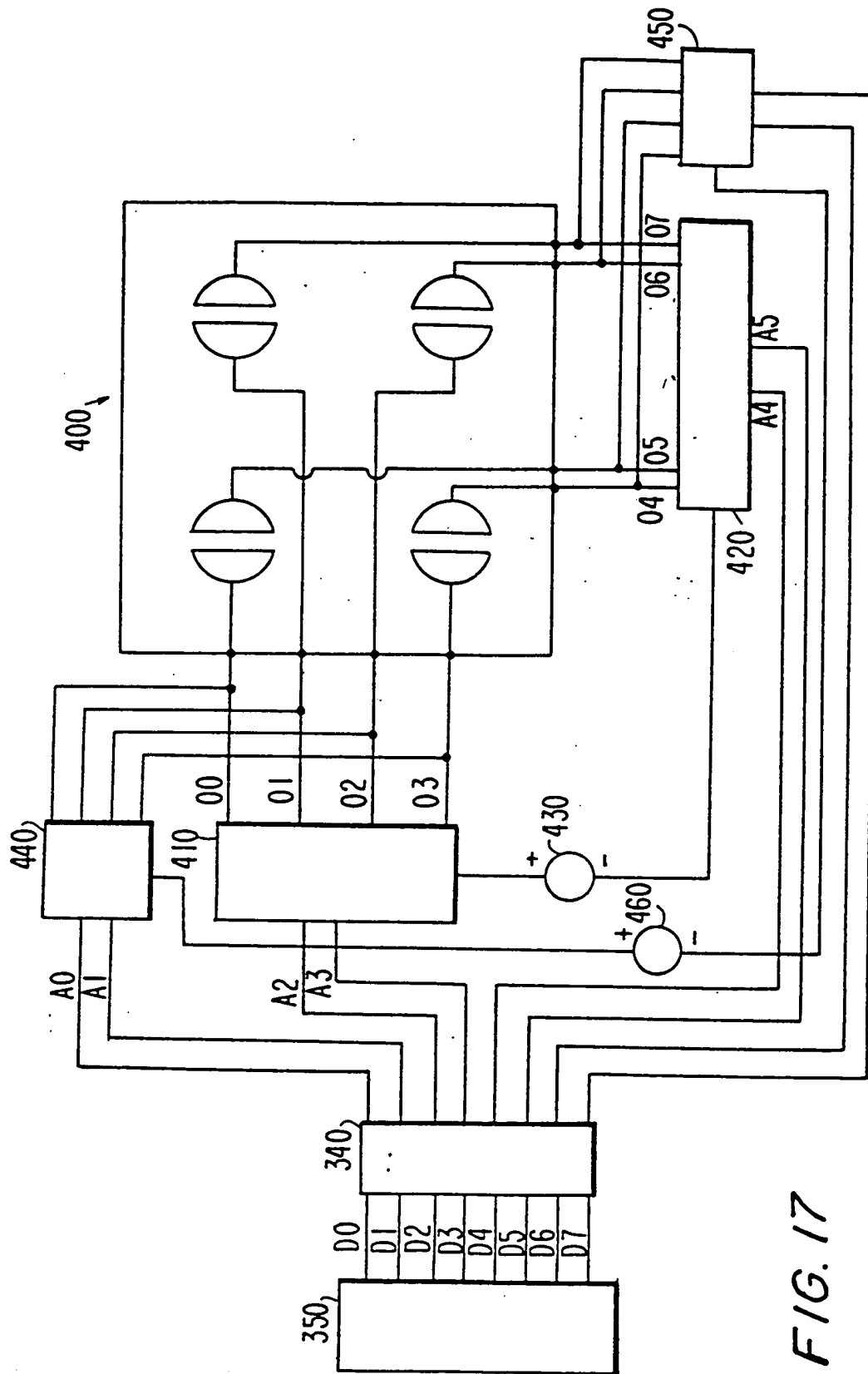


FIG. 17

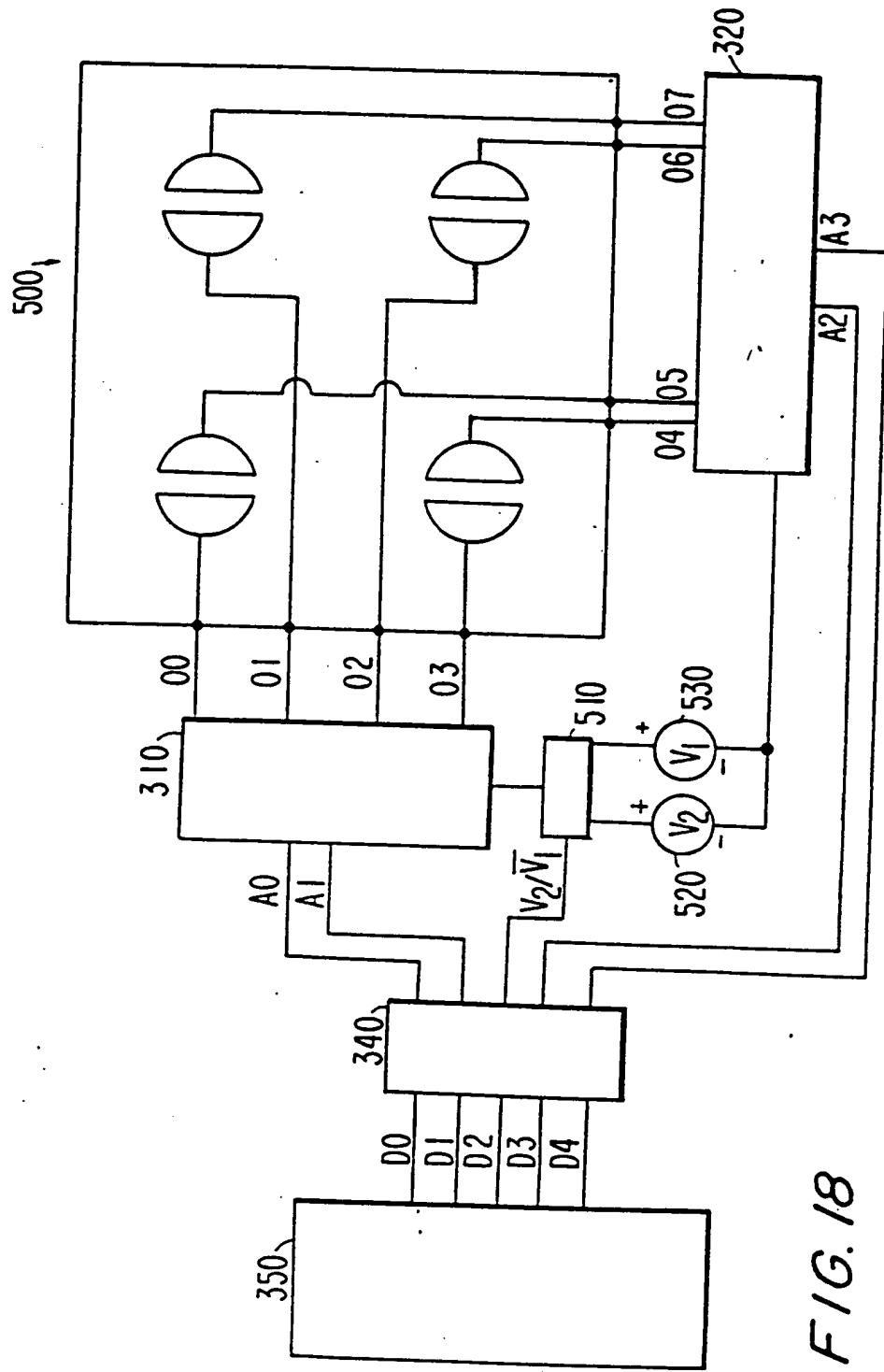


FIG. 18

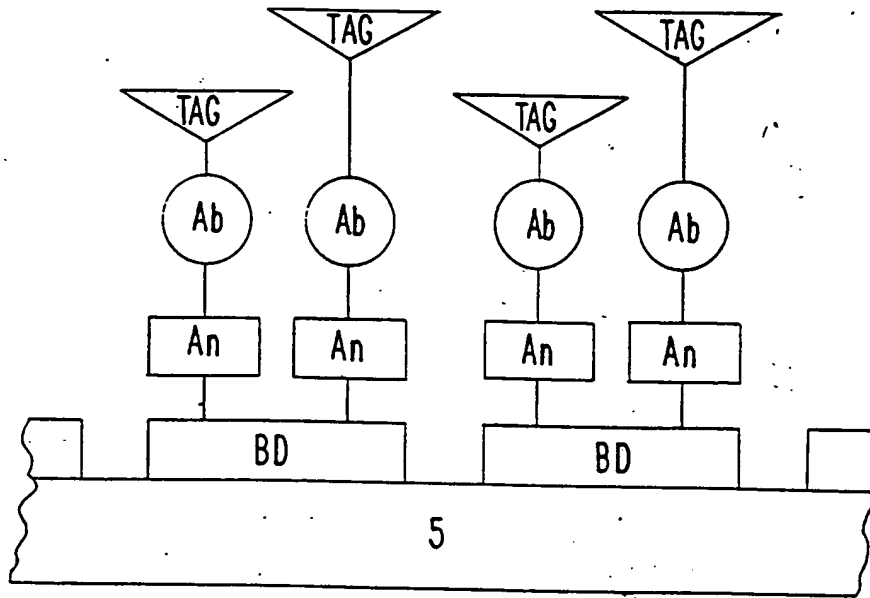
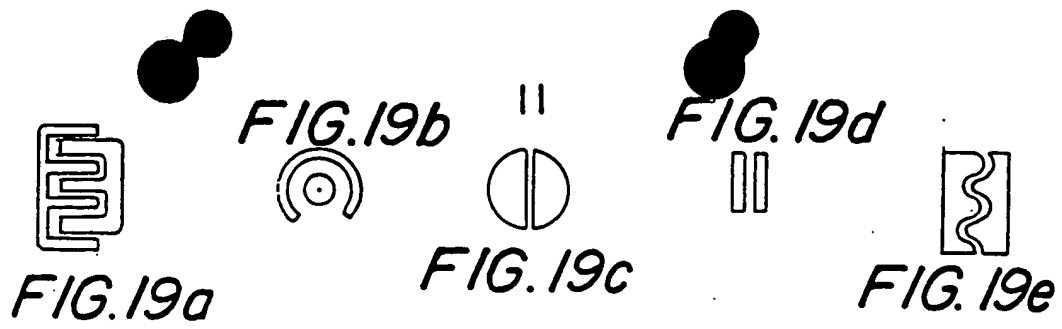


FIG. 20

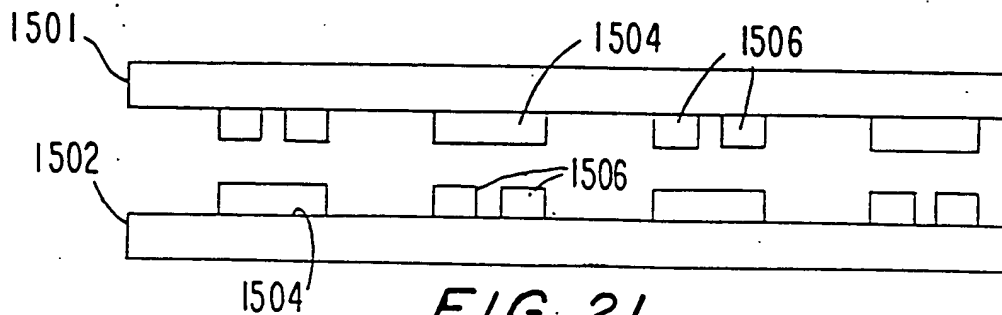


FIG. 21

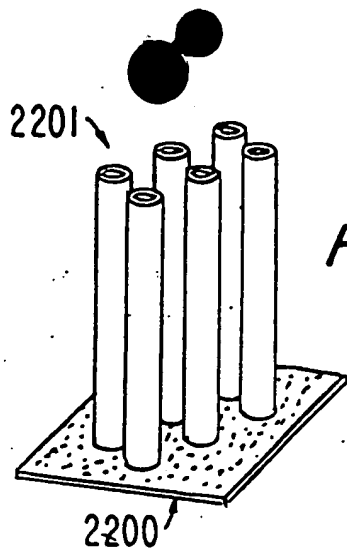


FIG. 22A

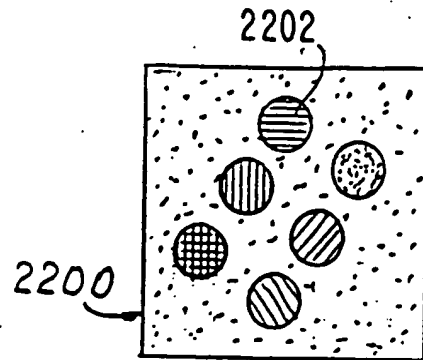


FIG. 22B

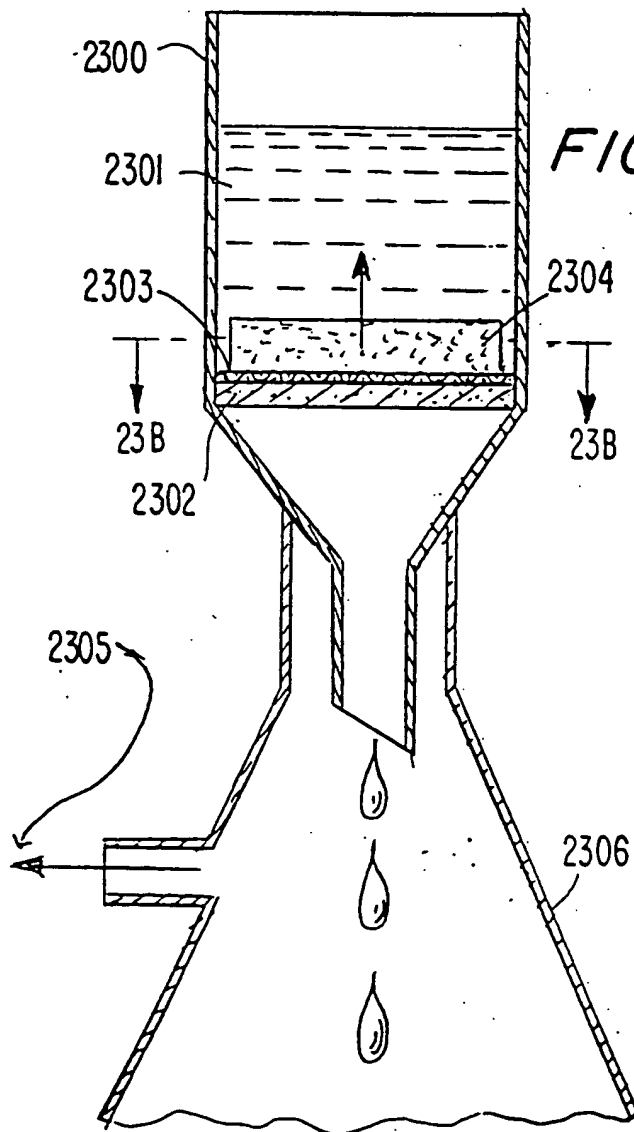


FIG. 23A

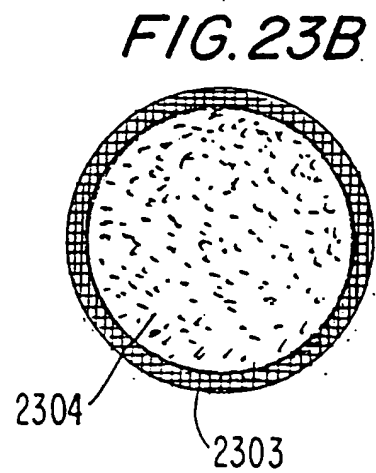


FIG. 23B

FIG. 24

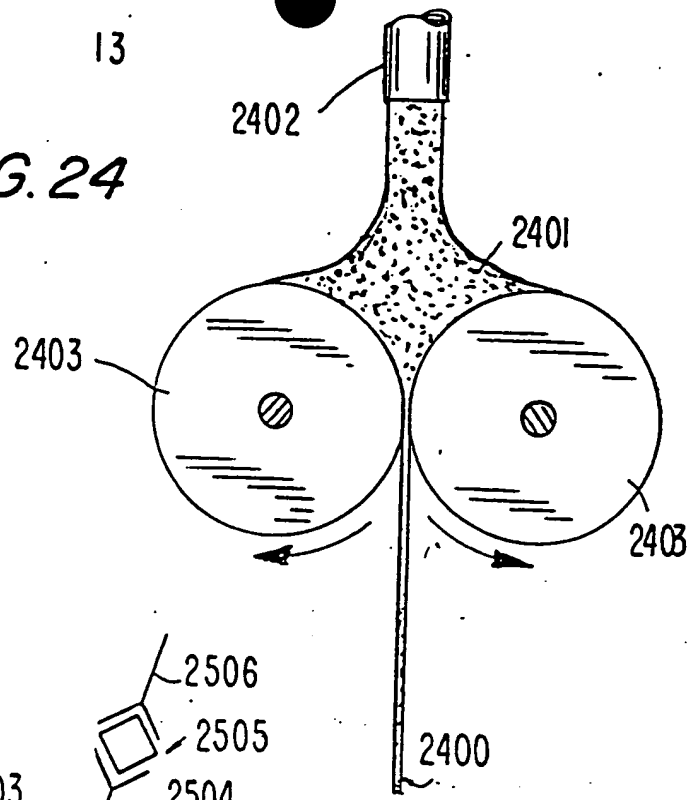


FIG. 25

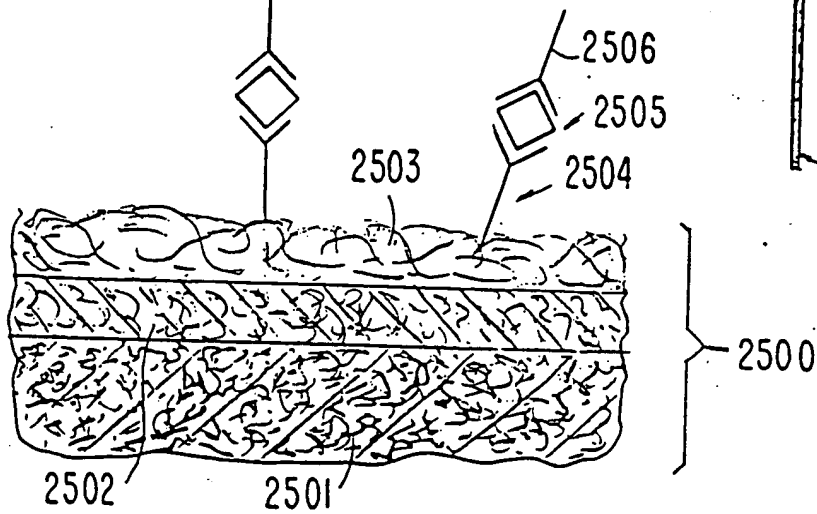


FIG. 26

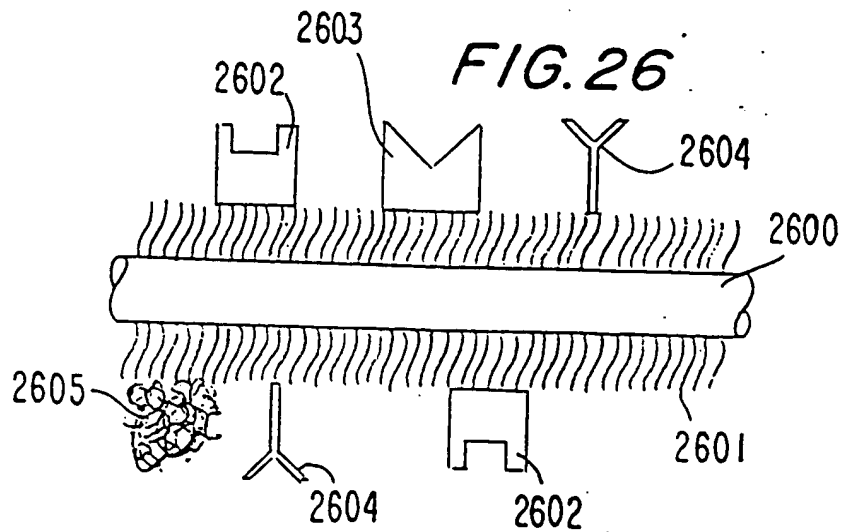


FIG. 27

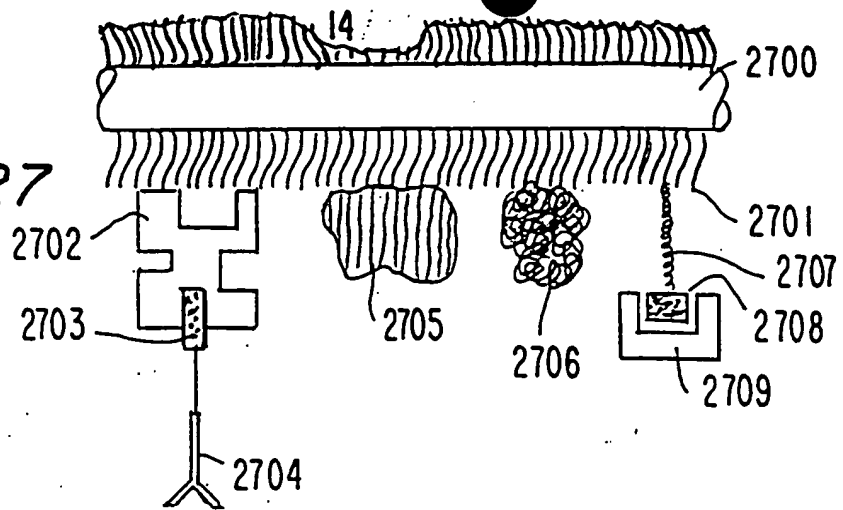


FIG. 28

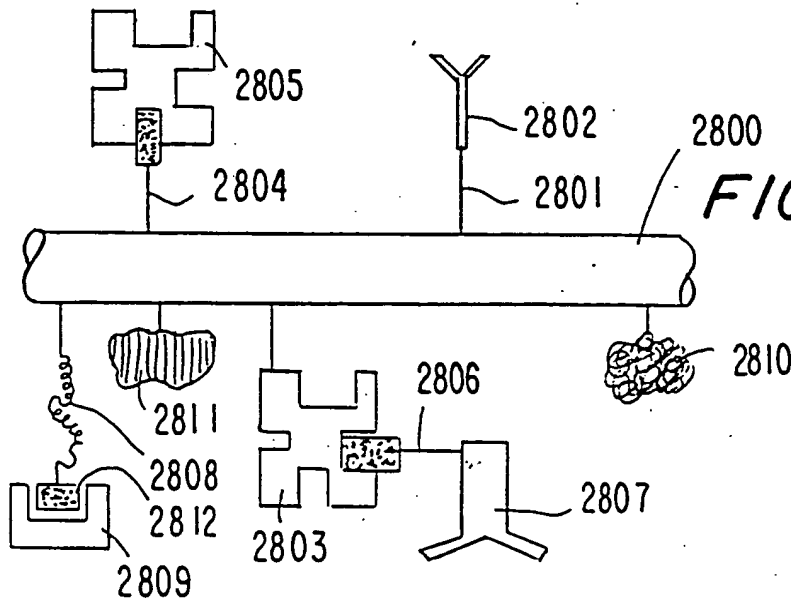
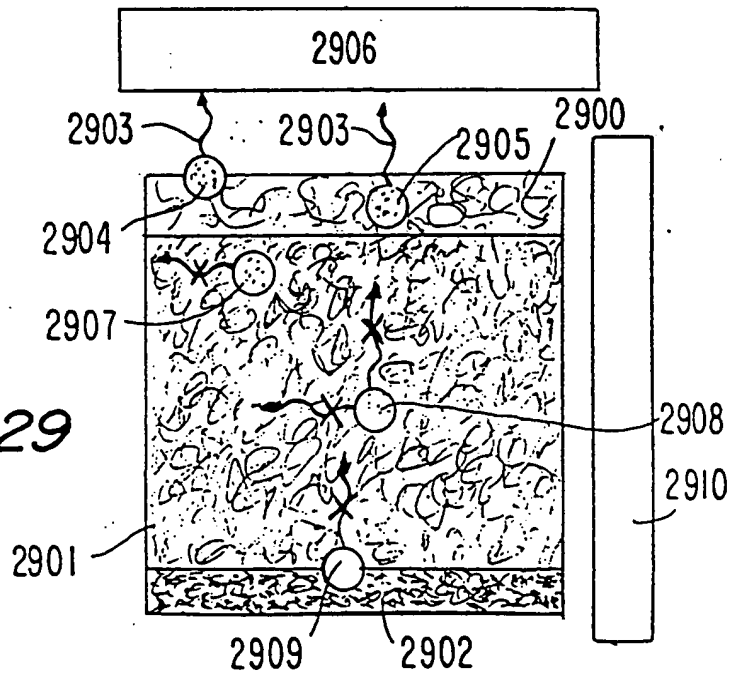


FIG. 29



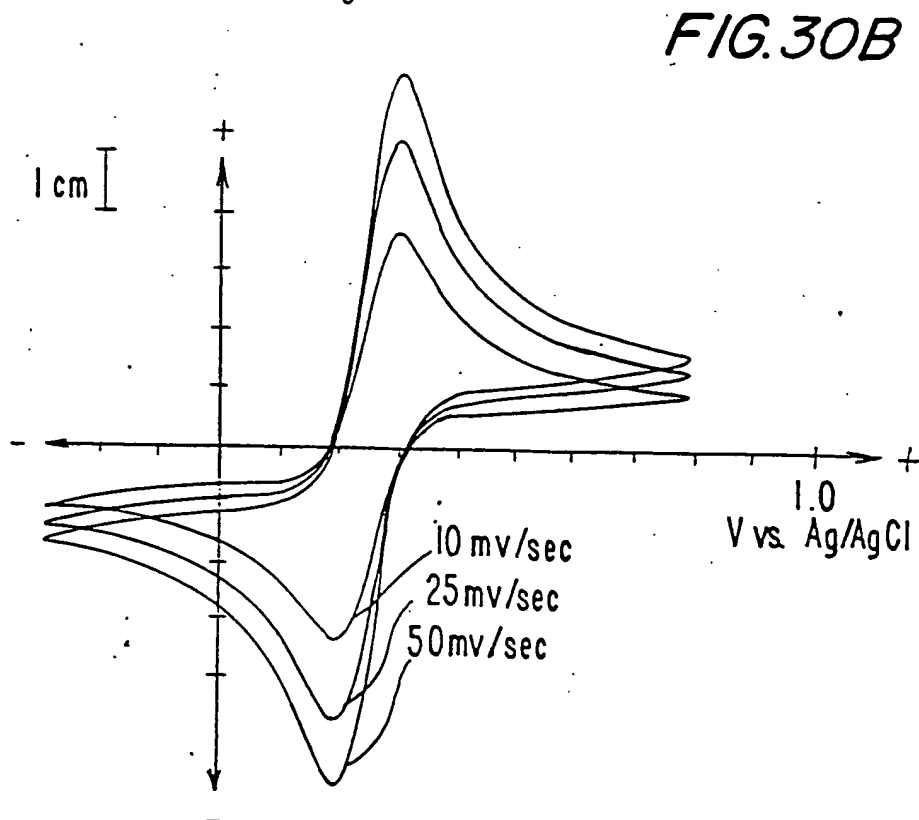
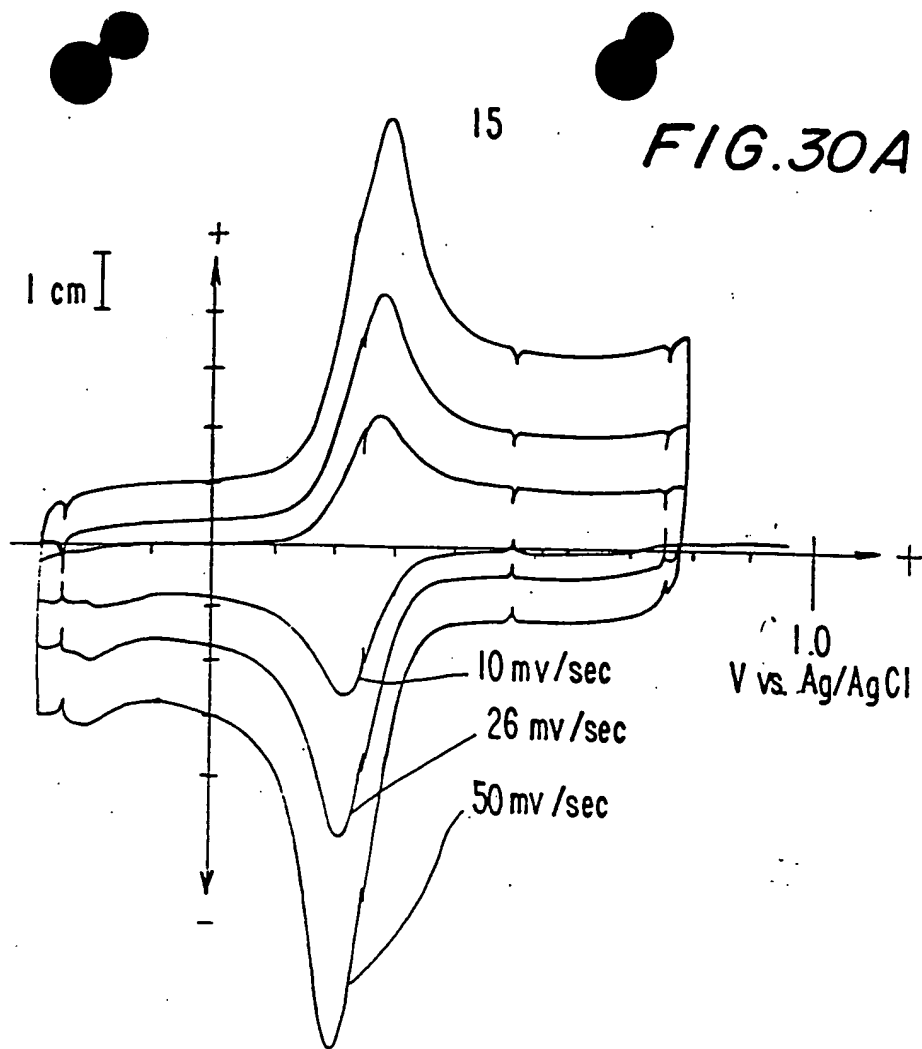


FIG. 31

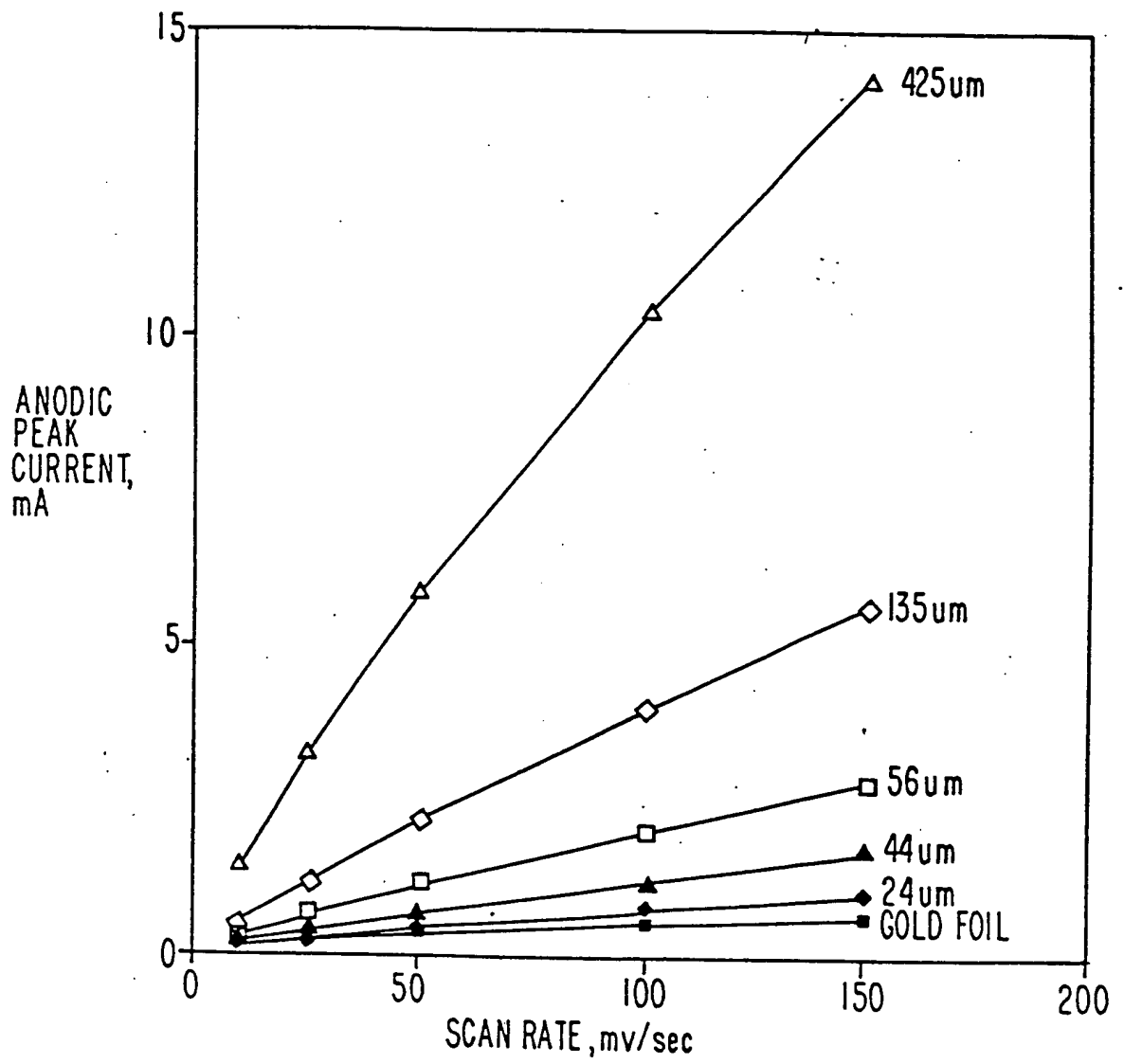




FIG. 32

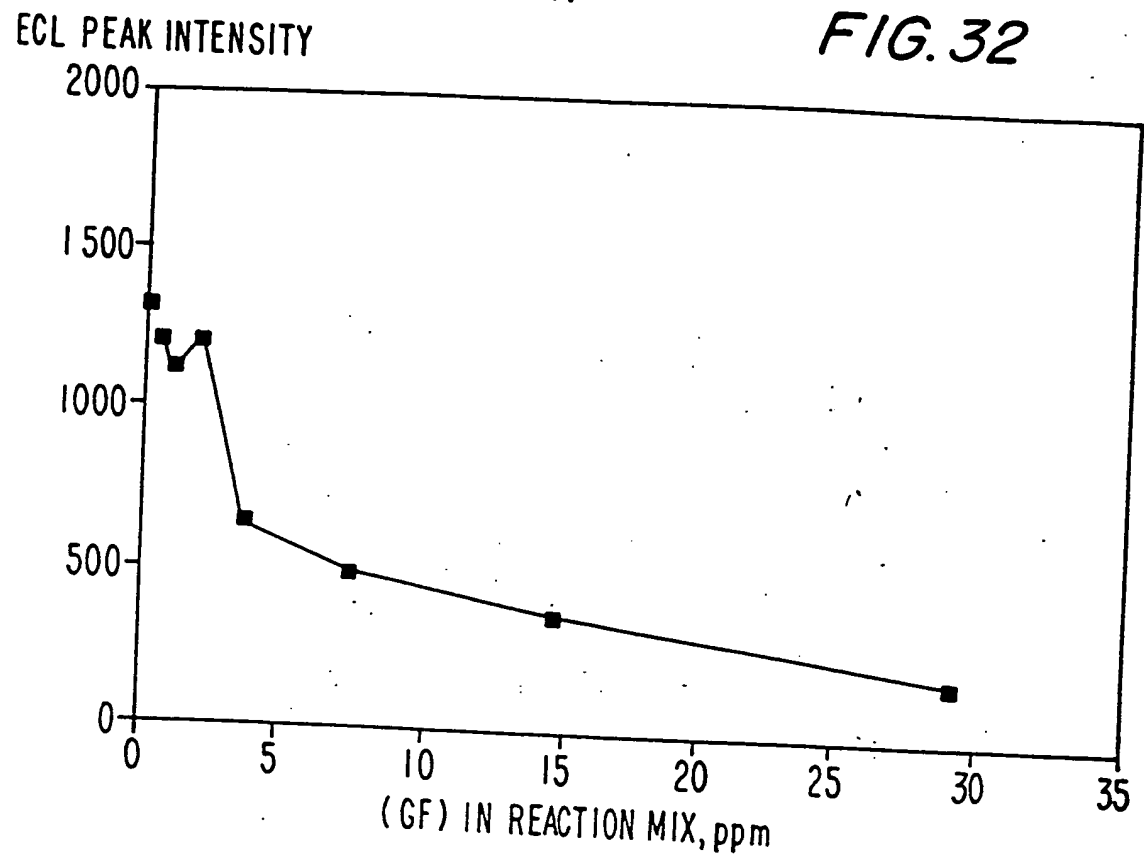
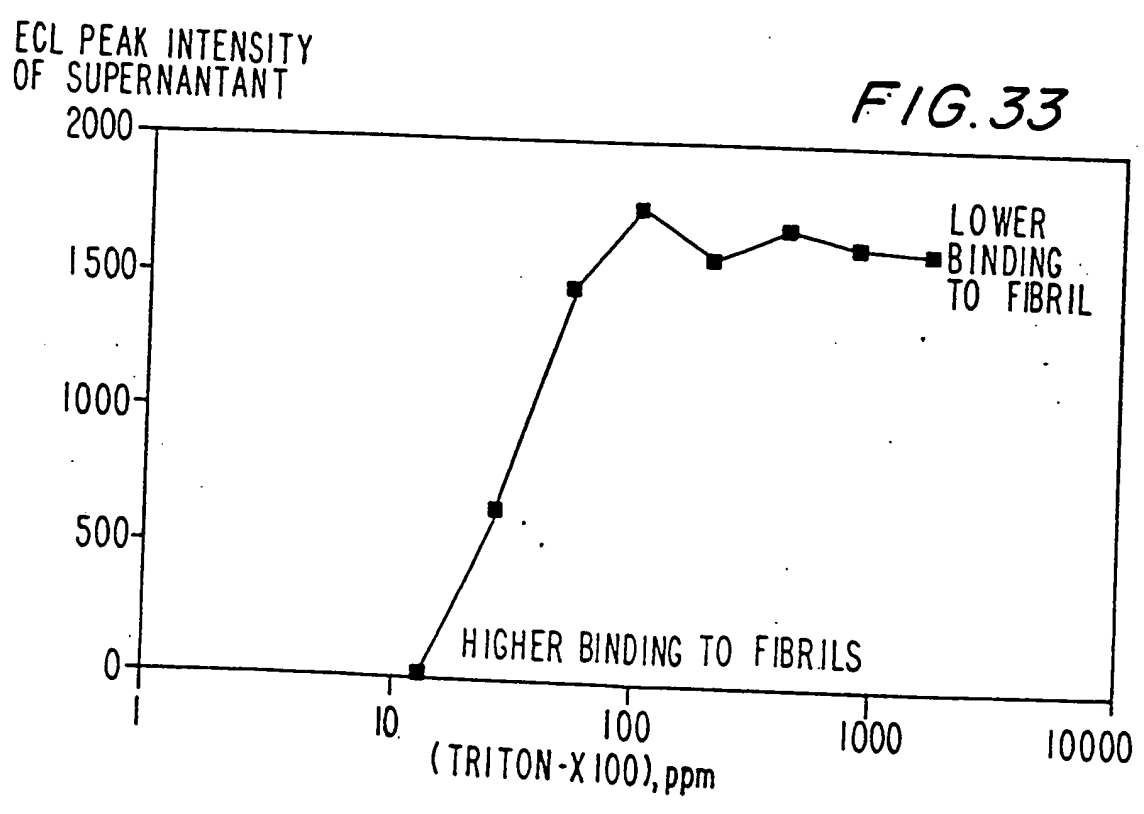


FIG. 33



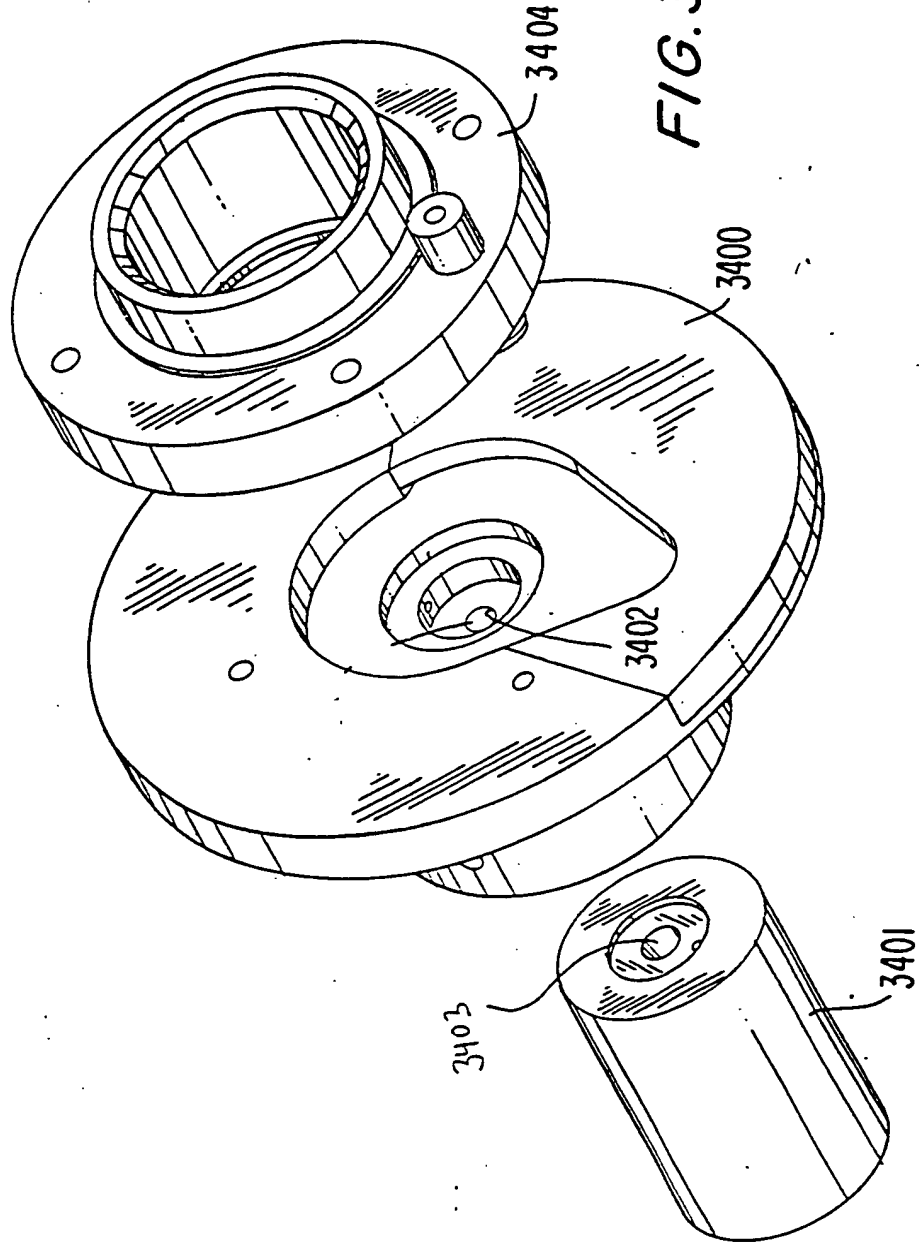


FIG. 35

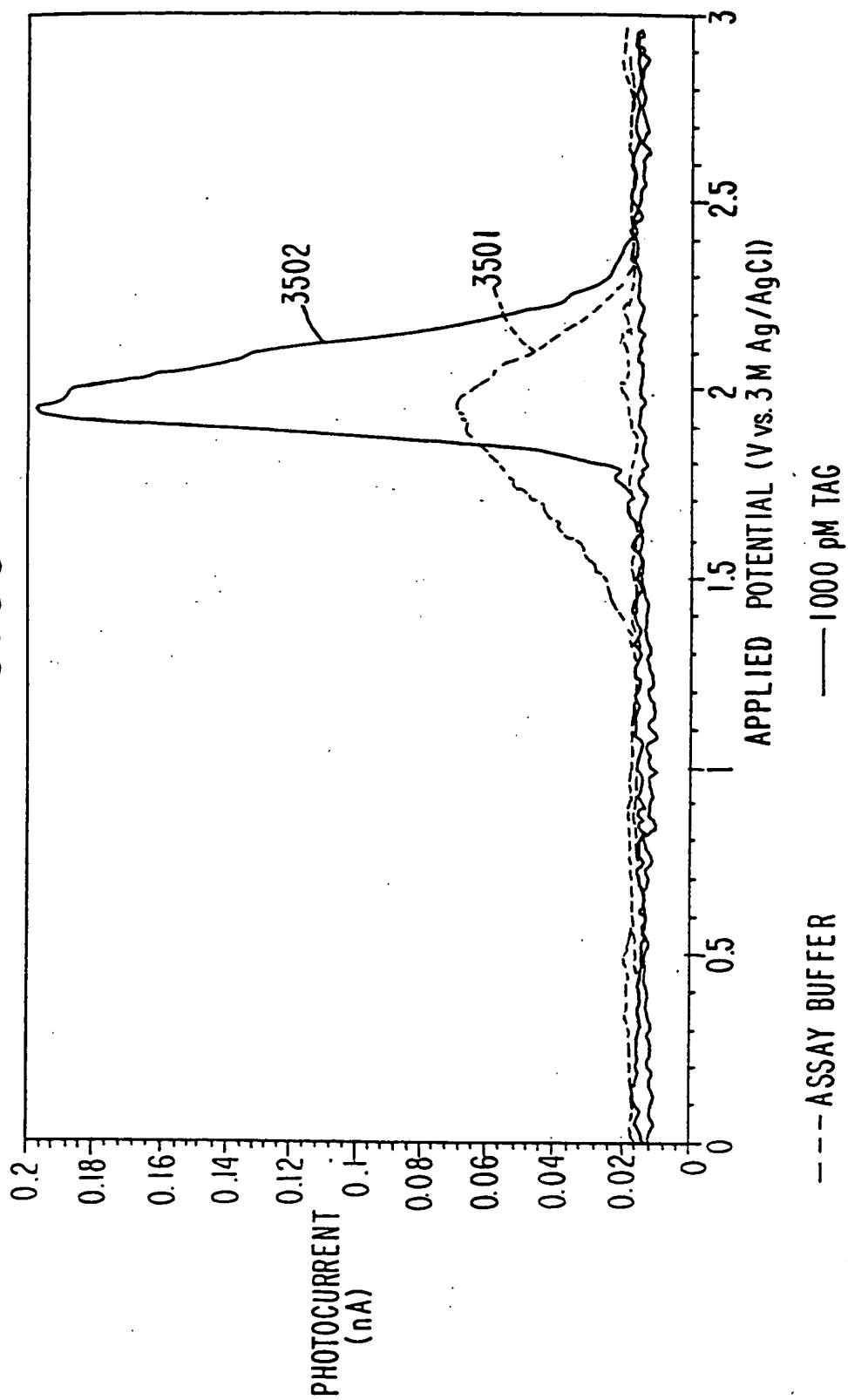


FIG. 36

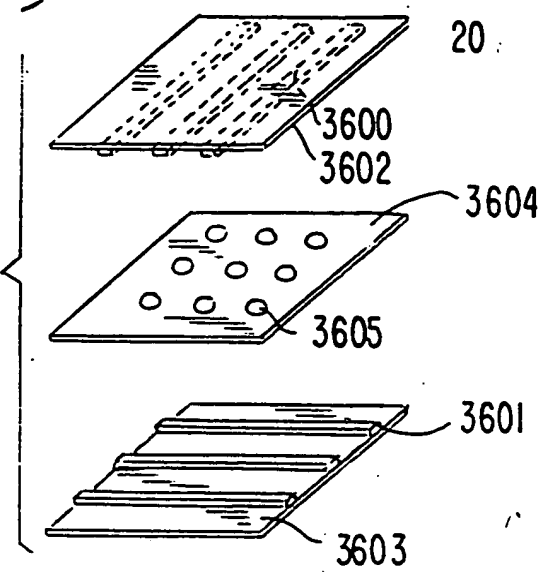


FIG. 37

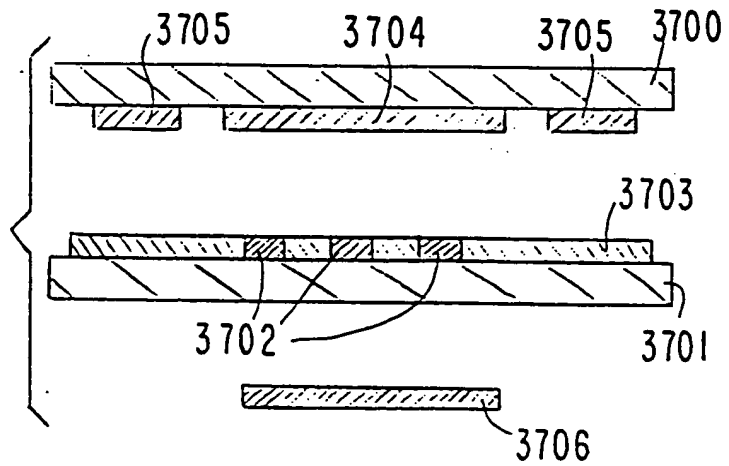


FIG. 38

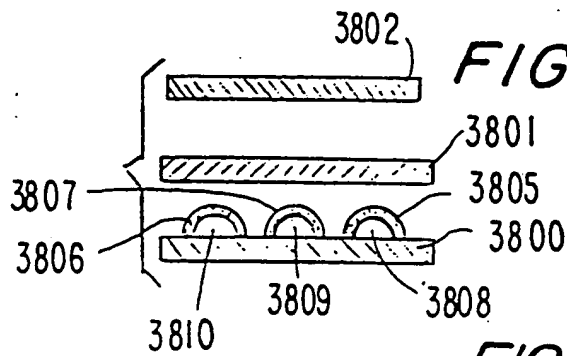


FIG. 39

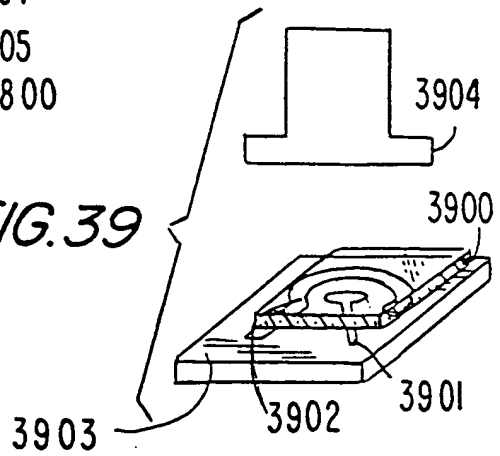


FIG. 40<sup>21</sup>

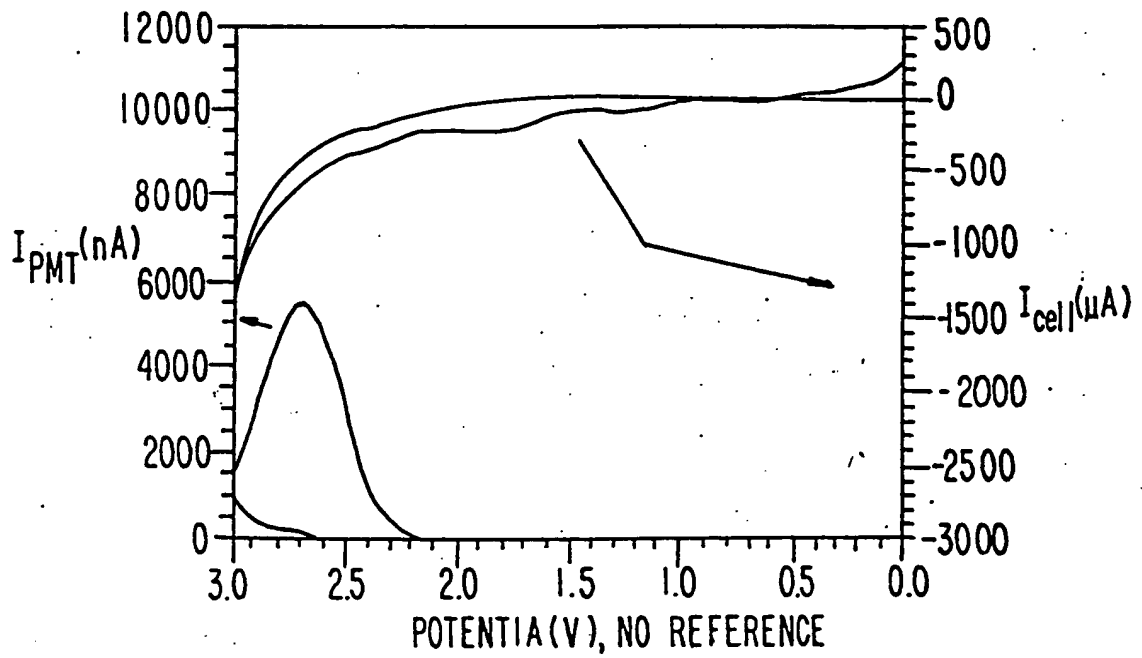
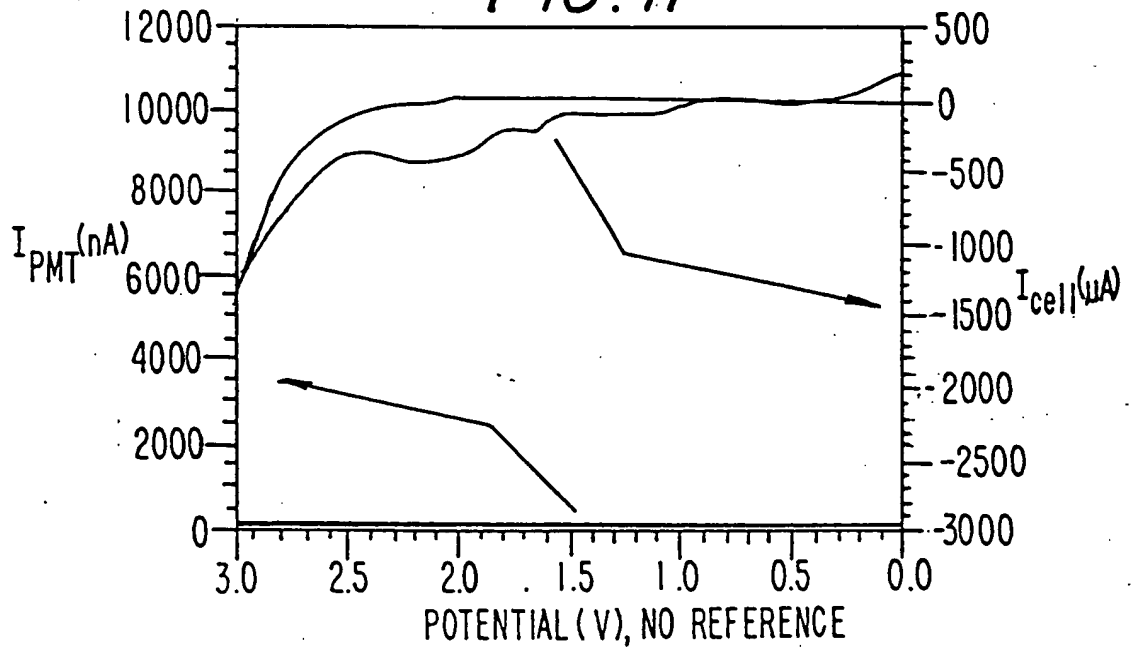


FIG. 41



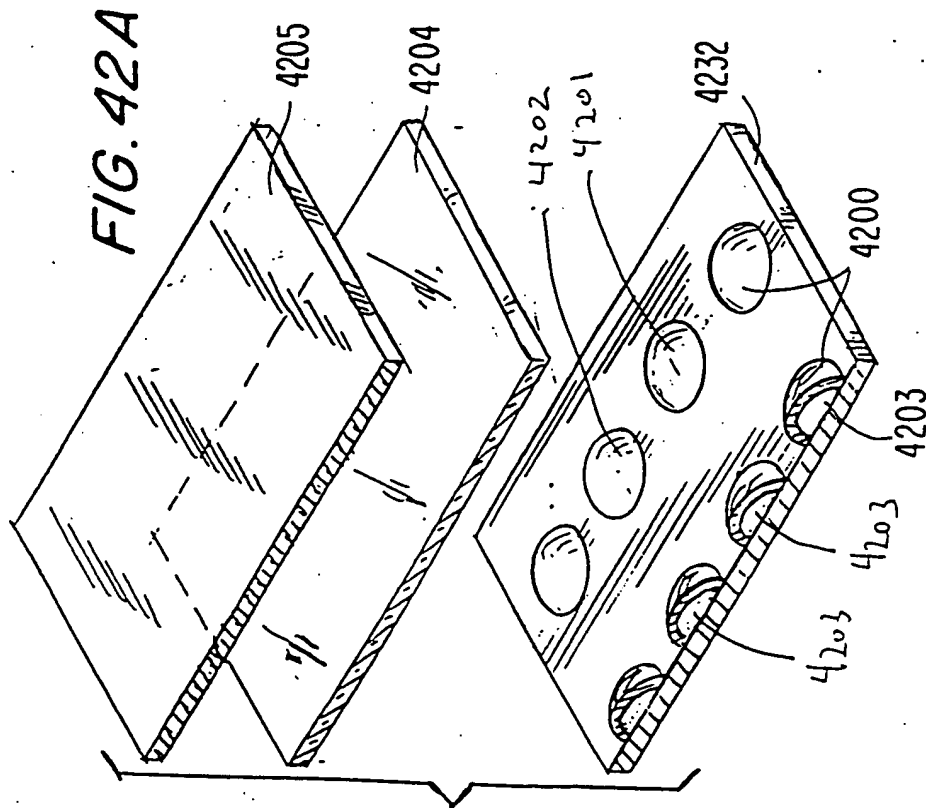


FIG. 42A

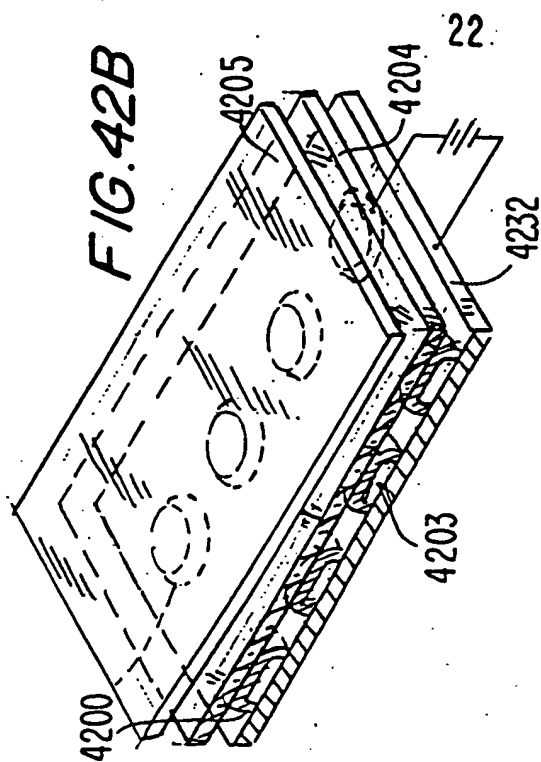


FIG. 42B

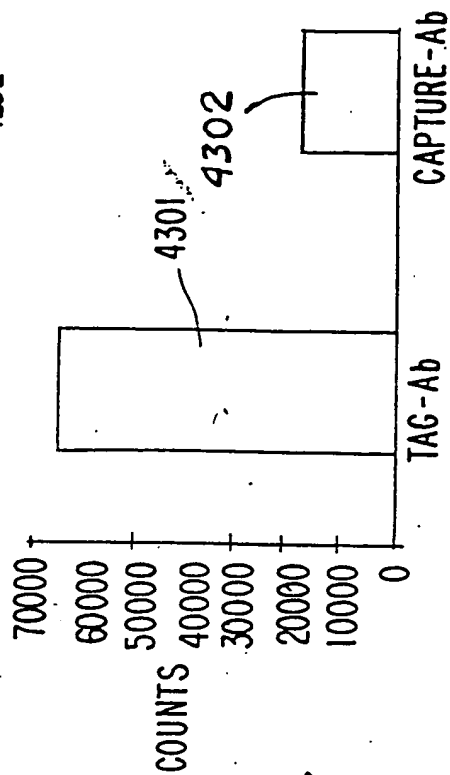


FIG. 43

FIG. 44A

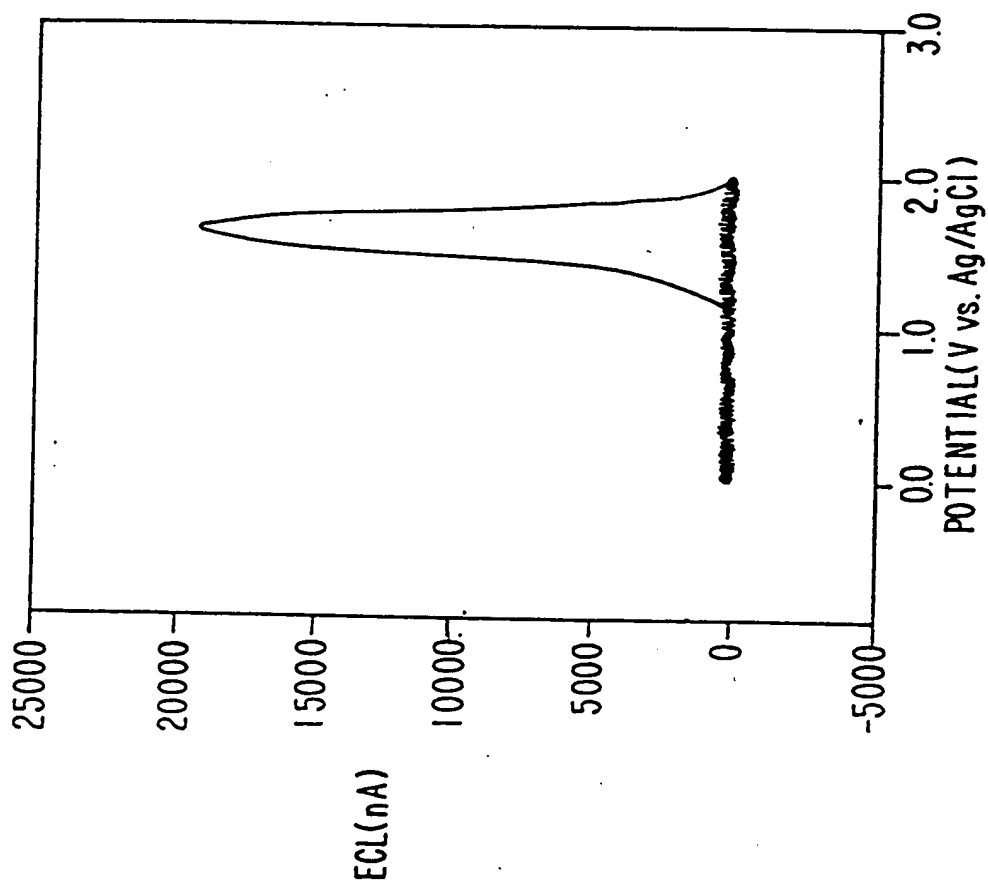


FIG. 44B

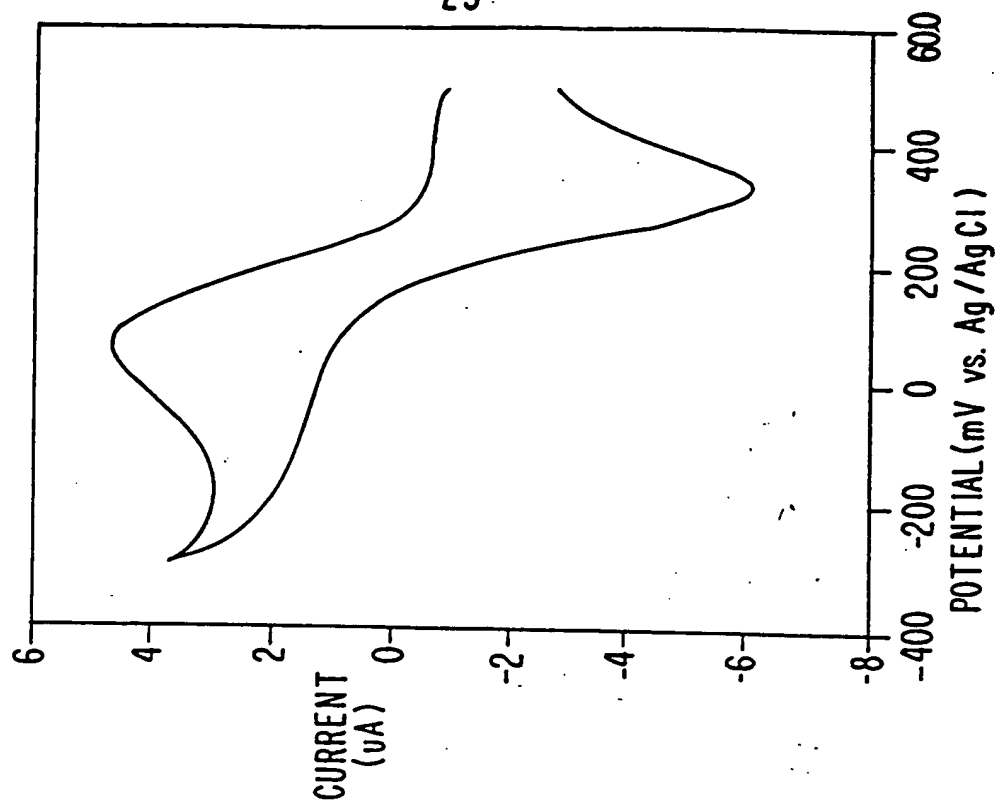


FIG. 45A

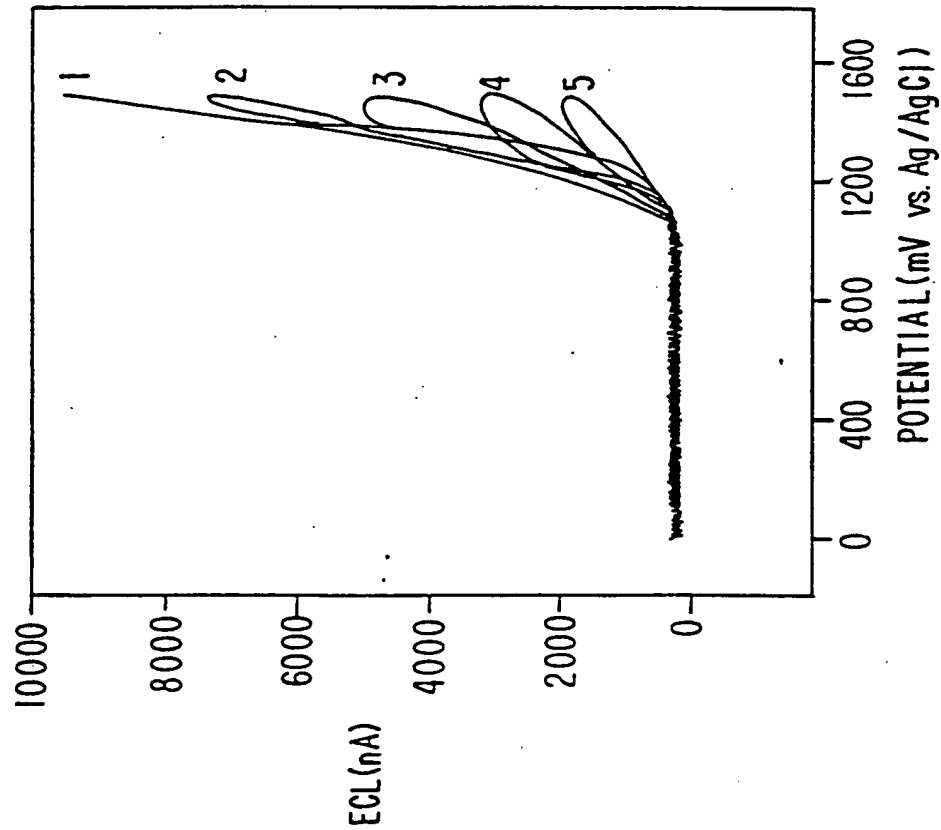


FIG. 45B

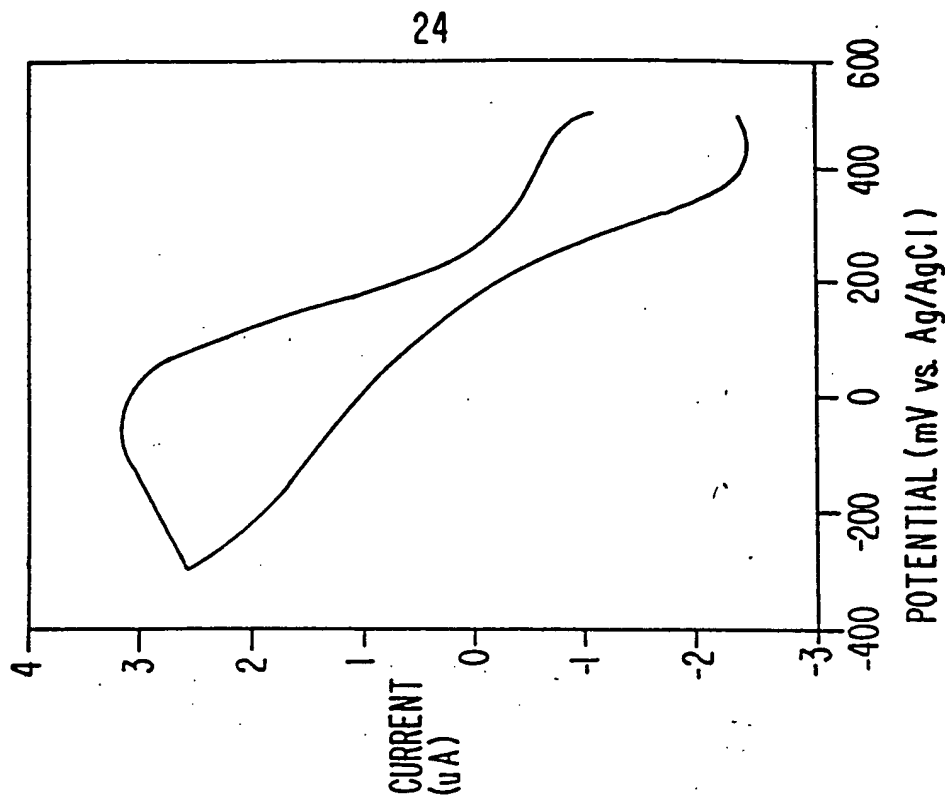




FIG. 46A

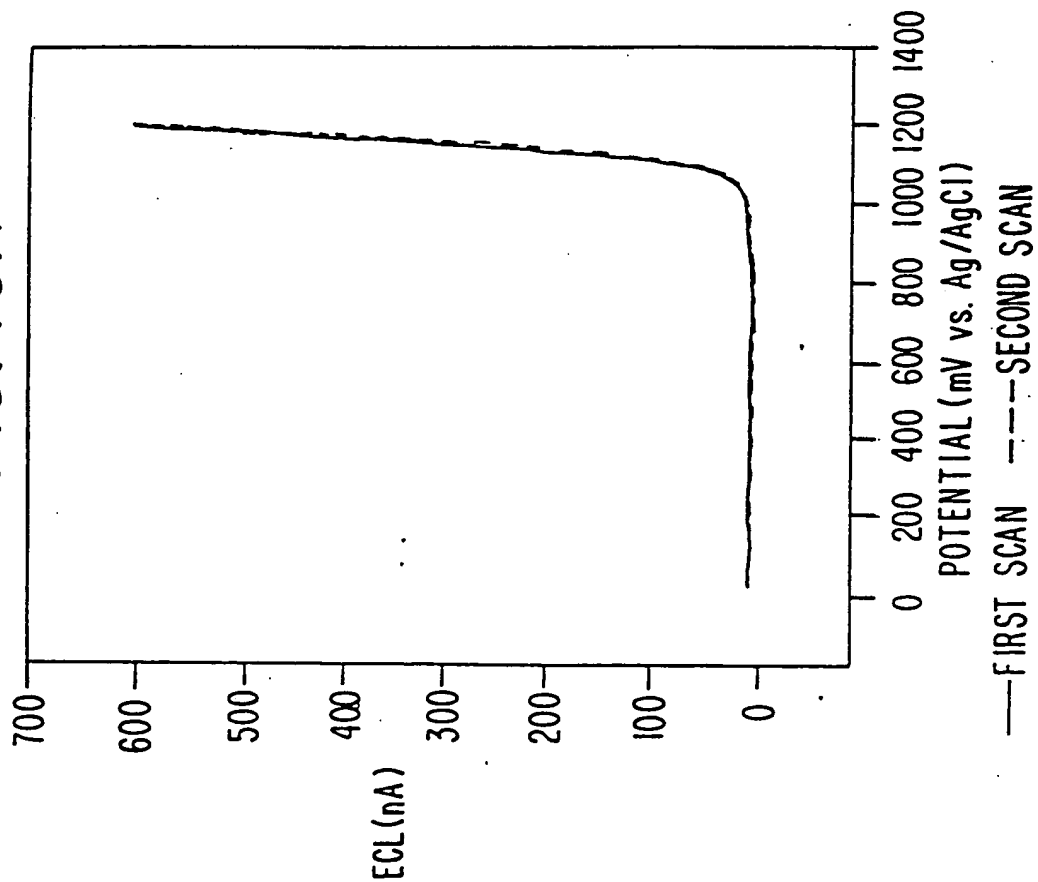


FIG. 46B

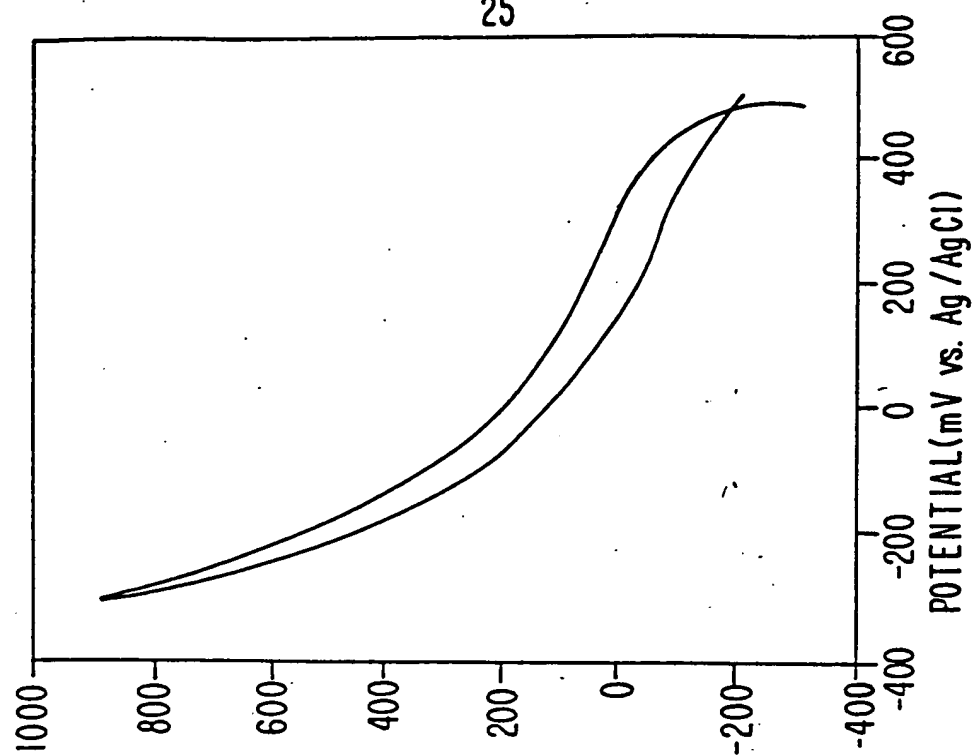
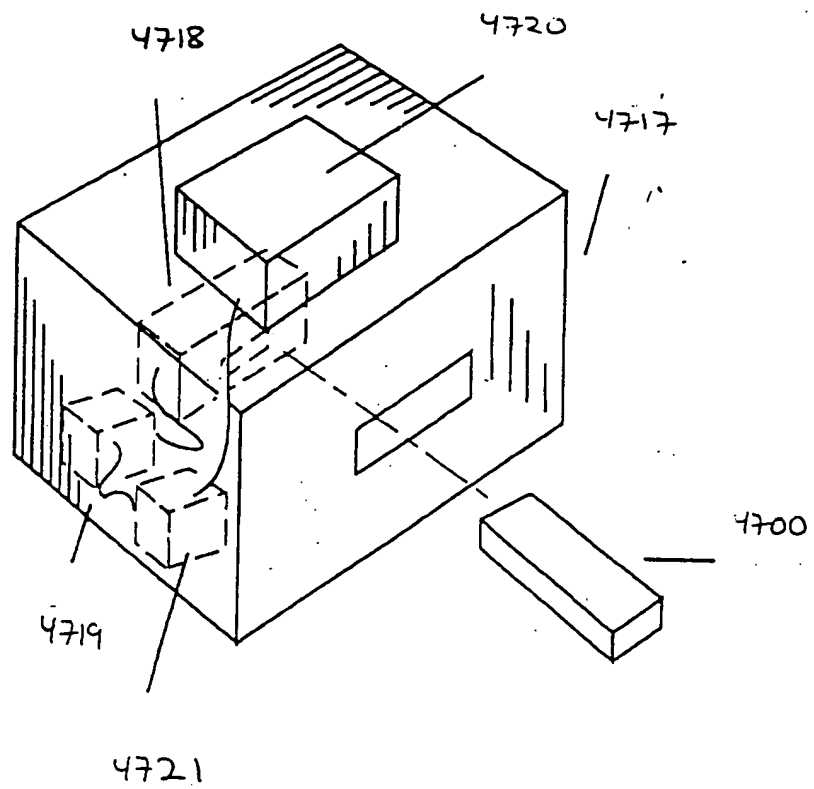
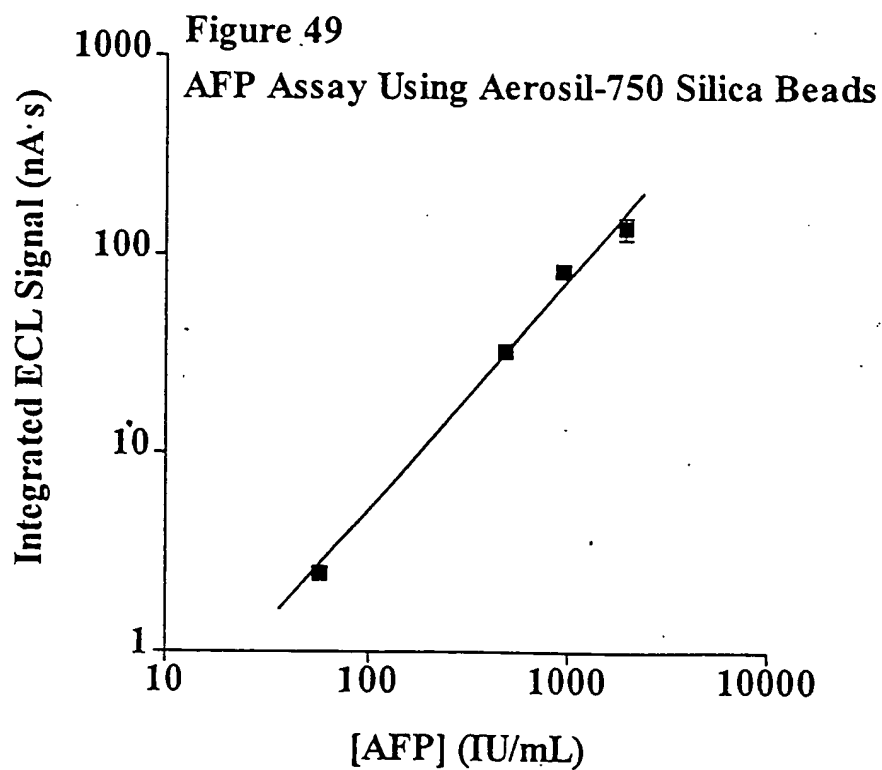
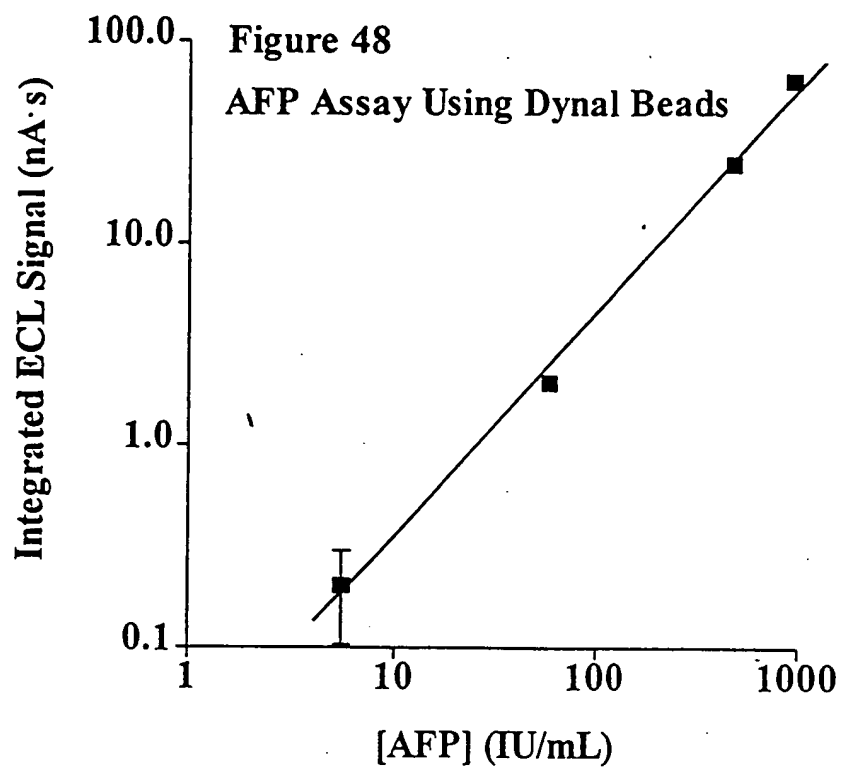


Figure 47

0377196.04901  
106210 9621260



09774796 013904  
T062T0 9647260

Figure 50

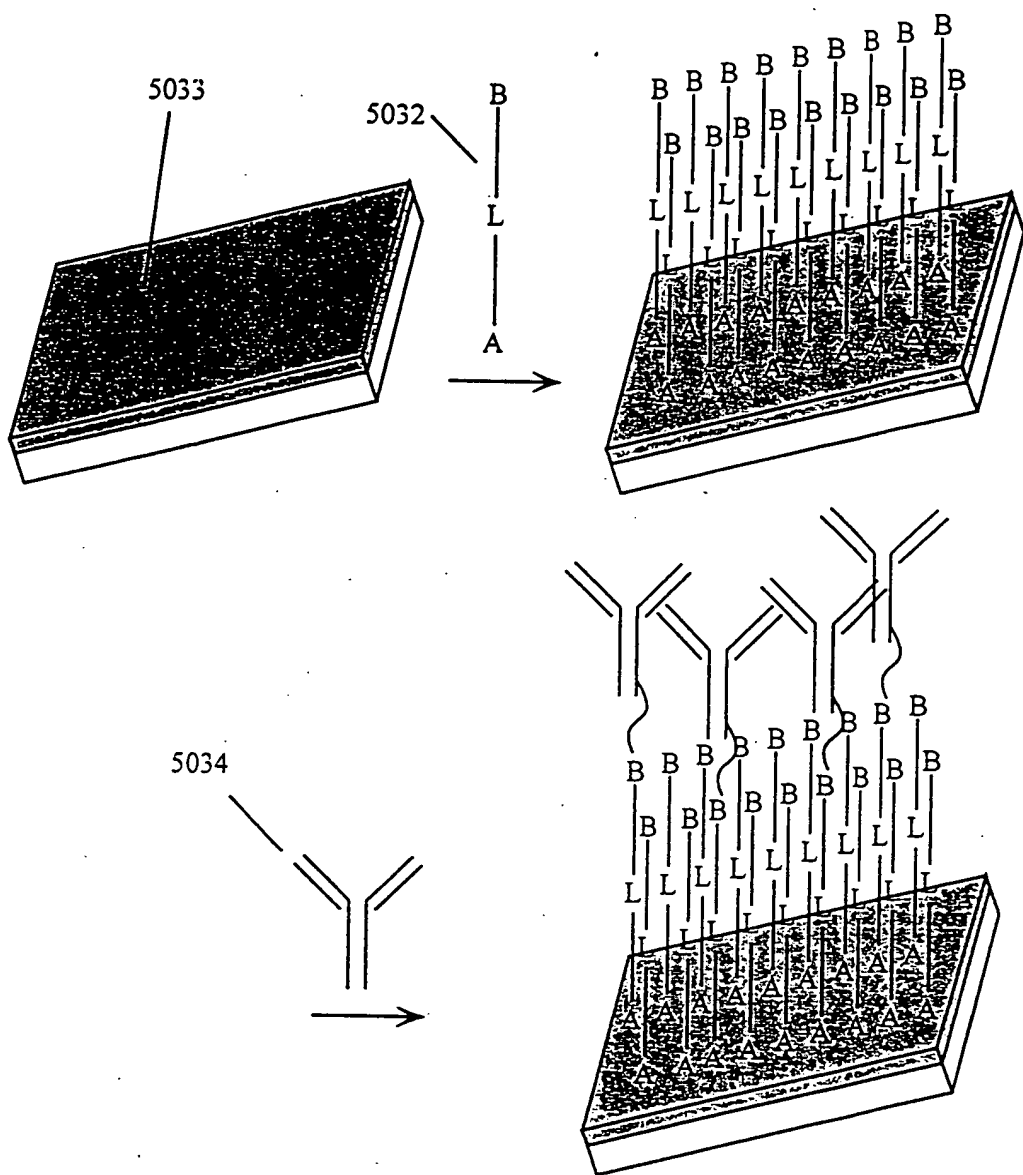


Figure 51

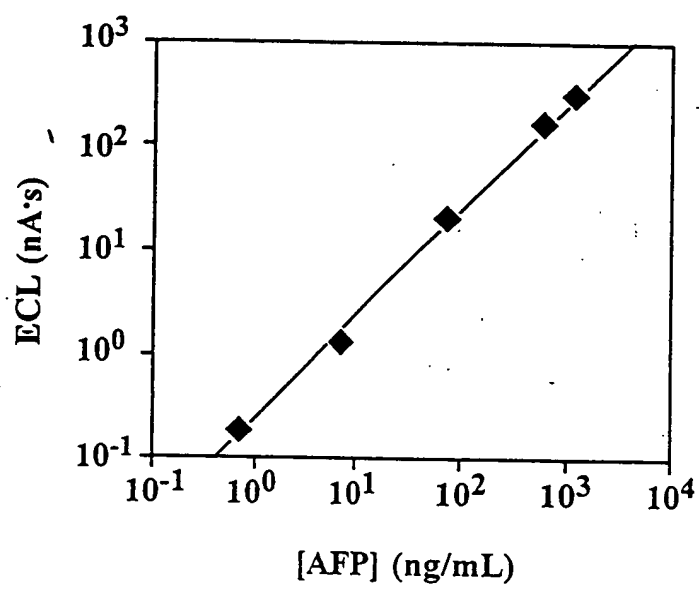


Figure 52

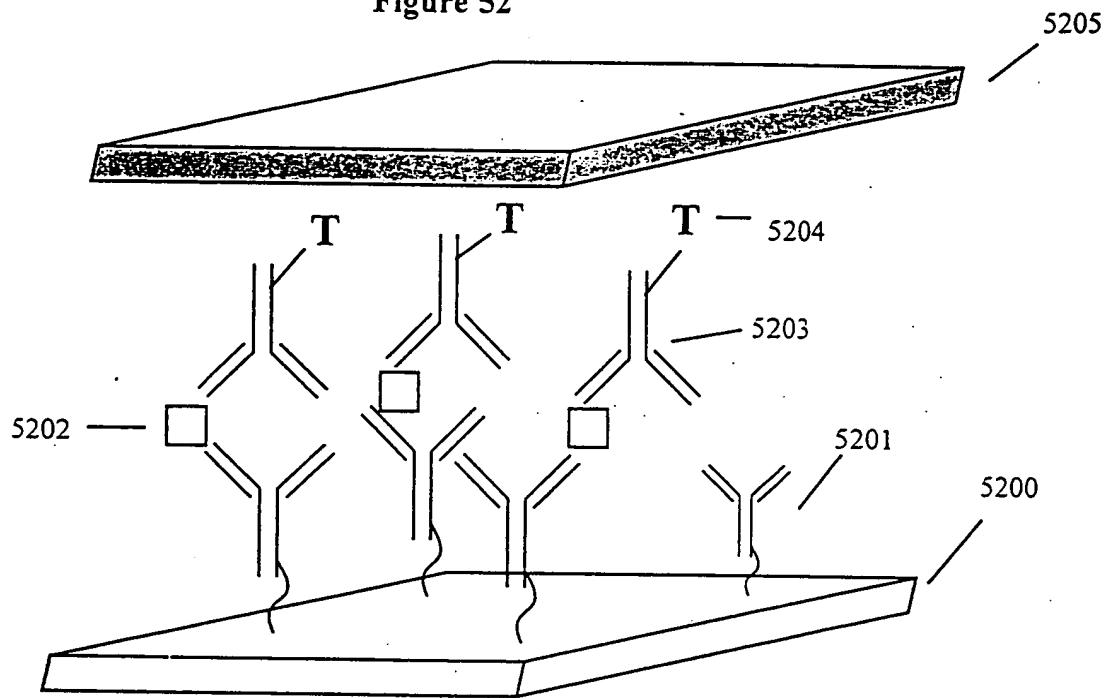


Figure 53

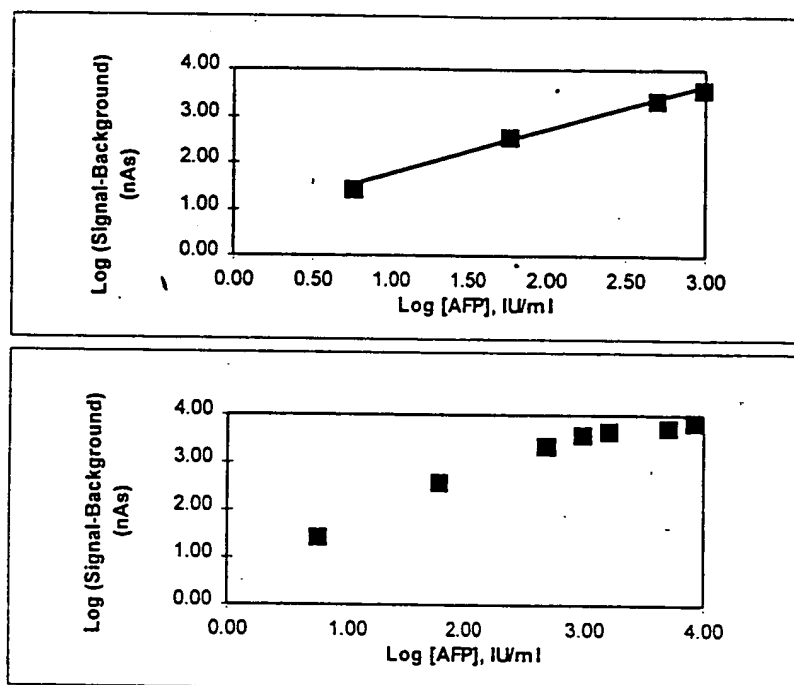
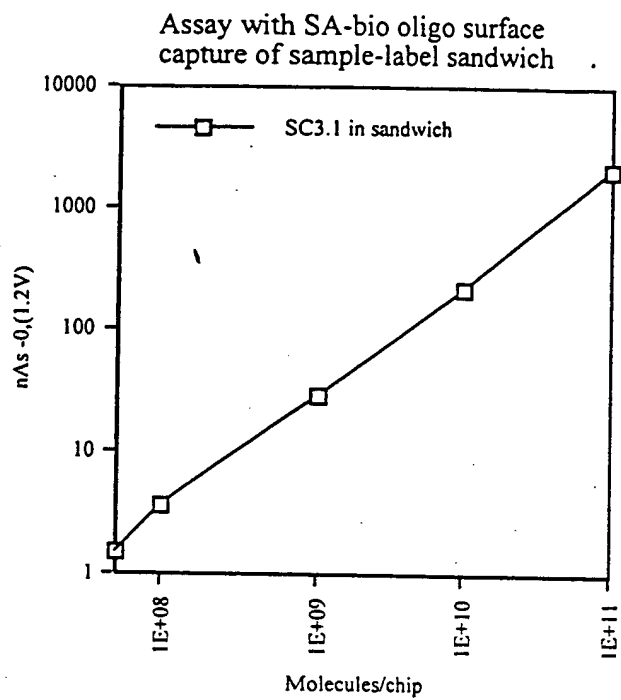


Figure 54





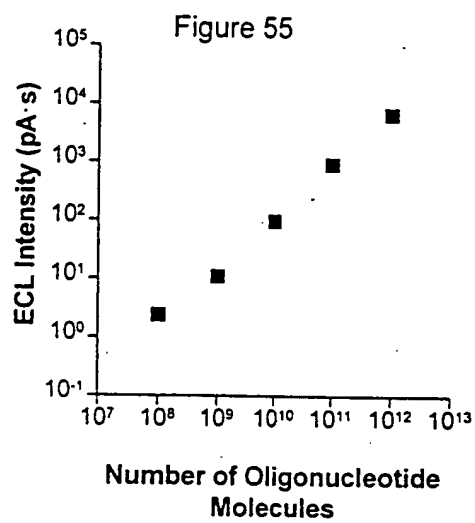


Figure 56

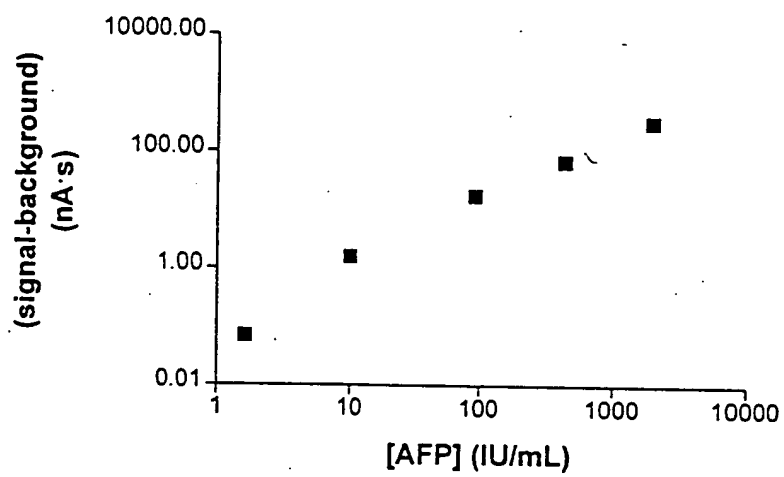
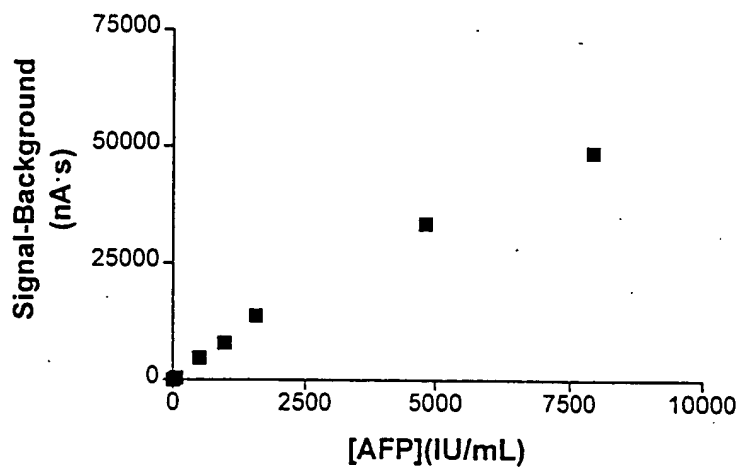


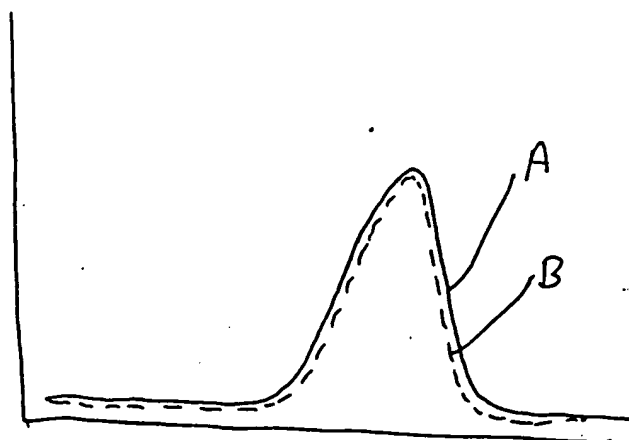
Figure 57



105310-0547260

(A)

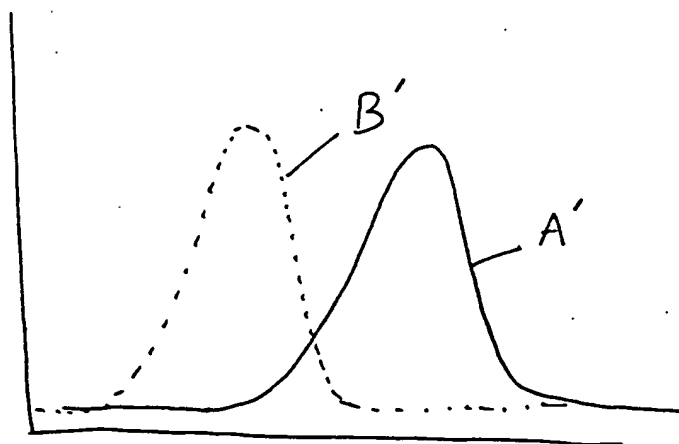
ECL  
Signal



Electrochemical  
Potential

(B)

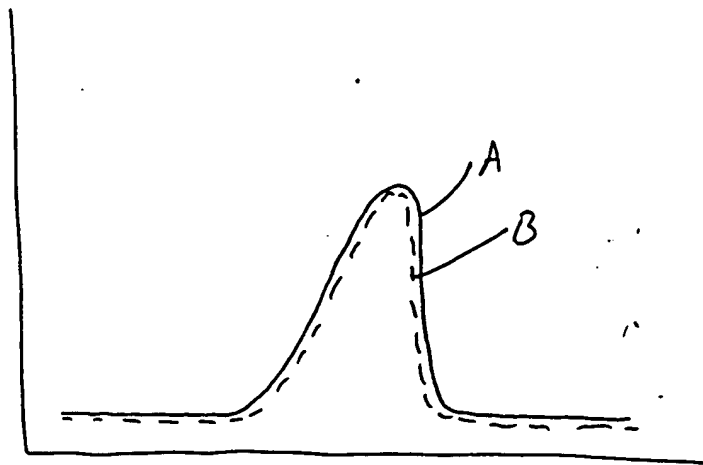
ECL  
Signal



Electrochemical  
Potential

Figure 58

(A)

ECL  
SignalElectrochemical  
Potential

(B)

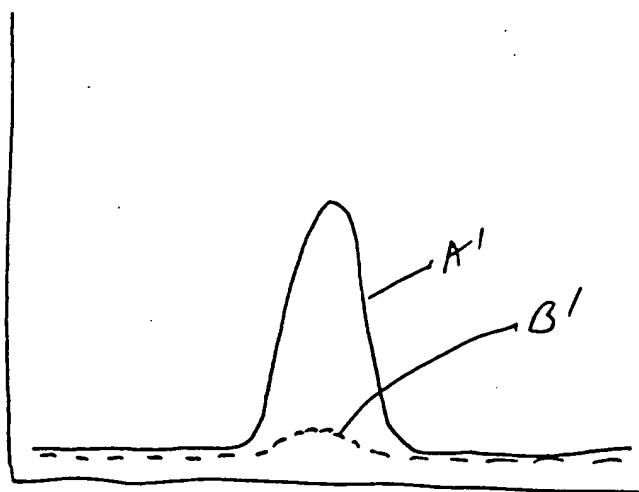
ECL  
SignalElectrochemical  
Potential

Figure S9

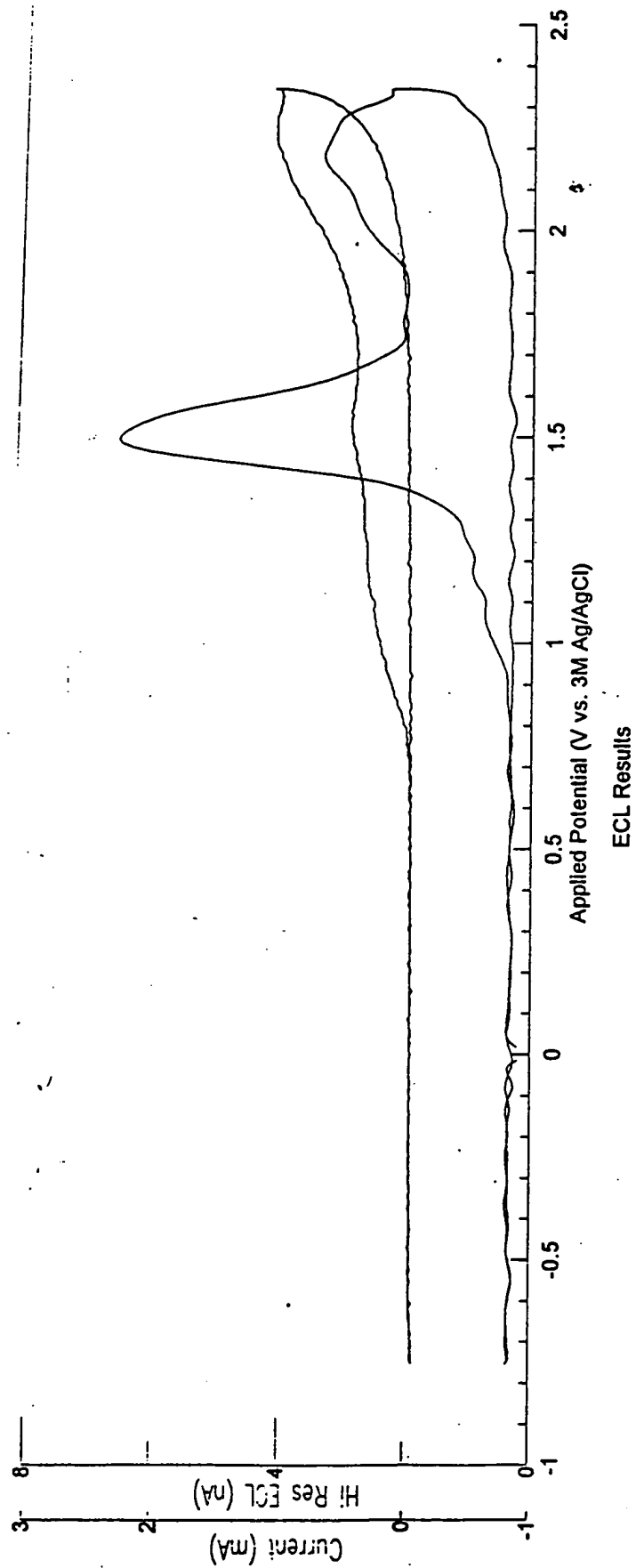


Figure 60

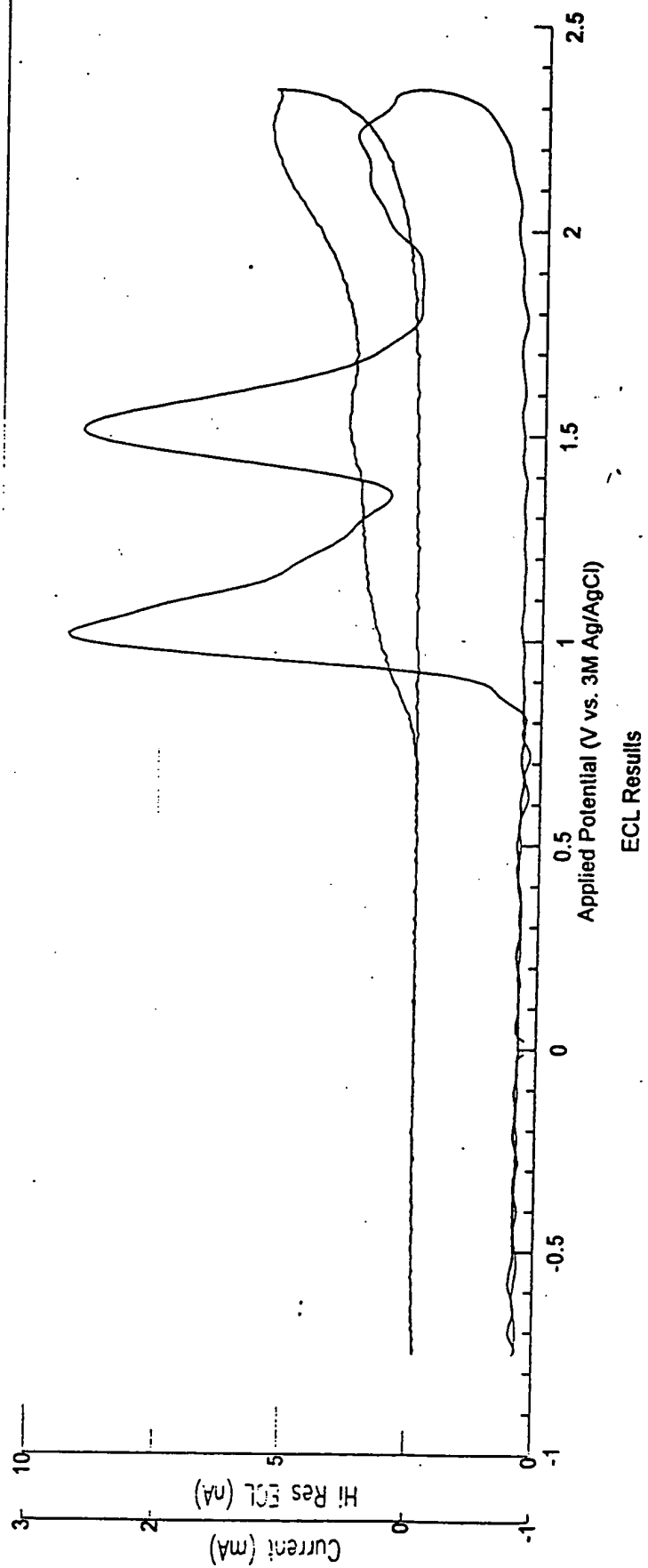


Figure 61